

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022120\
 Data File : VN060182.D
 Acq On : 21 Feb 2020 11:57
 Operator : JC/MD
 Sample : VN0221WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 21 22:22:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	180207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	286726	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	264431	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	127672	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	109617	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
35) Dibromofluoromethane	7.56	113	86837	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
50) Toluene-d8	10.08	98	338092	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
62) 4-Bromofluorobenzene	12.40	95	121315	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	32942	18.288	ug/l	100
3) Chloromethane	2.04	50	37816	17.641	ug/l	99
4) Vinyl Chloride	2.17	62	43389	17.758	ug/l	99
5) Bromomethane	2.55	94	28093	18.751	ug/l	99
6) Chloroethane	2.69	64	22496	18.203	ug/l	99
7) Trichlorofluoromethane	3.00	101	57424	18.229	ug/l	98
8) Diethyl Ether	3.38	74	20491	19.541	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	32751	18.726	ug/l	99
10) Methyl Iodide	3.93	142	41873	19.417	ug/l	99
11) Tert butyl alcohol	4.72	59	29198	88.979	ug/l	100
12) 1,1-Dichloroethene	3.72	96	31551	18.518	ug/l	99
13) Acrolein	3.58	56	26124	80.543	ug/l	96
14) Allyl chloride	4.29	41	47068	18.769	ug/l	94
15) Acrylonitrile	4.94	53	75873	94.679	ug/l	99
16) Acetone	3.78	43	77128	80.636	ug/l	99
17) Carbon Disulfide	4.03	76	87668	17.071	ug/l	99
18) Methyl Acetate	4.29	43	35119	19.546	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	107918	18.835	ug/l	98
20) Methylene Chloride	4.52	84	35497	18.602	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	34560	18.608	ug/l	99
22) Diisopropyl ether	5.91	45	106041	19.295	ug/l	97
23) Vinyl Acetate	5.86	43	431250	93.440	ug/l	100
24) 1,1-Dichloroethane	5.81	63	62716	18.837	ug/l	99
25) 2-Butanone	6.80	43	104889	87.192	ug/l	95
26) 2,2-Dichloropropane	6.79	77	58760	18.582	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	40011	18.408	ug/l	99
28) Bromochloromethane	7.17	49	24113	18.422	ug/l	100
29) Tetrahydrofuran	7.18	42	66839	90.569	ug/l	98
30) Chloroform	7.35	83	65732	18.848	ug/l	97
31) Cyclohexane	7.63	56	58189	18.762	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	59200	18.575	ug/l	99
36) 1,1-Dichloropropene	7.77	75	48917	18.419	ug/l	98
37) Ethyl Acetate	6.90	43	44128	18.385	ug/l	98
38) Carbon Tetrachloride	7.75	117	51327	17.795	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	59522	18.055	ug/l	99
40) Benzene	8.02	78	142855	18.133	ug/l	98
41) Methacrylonitrile	7.18	41	62063	61.657	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	52925	19.168	ug/l	98
43) Isopropyl Acetate	8.14	43	75411	18.380	ug/l	99
44) Trichloroethene	8.82	130	40105	18.385	ug/l	97
45) 1,2-Dichloropropane	9.10	63	37851	19.407	ug/l	100
46) Dibromomethane	9.19	93	25537	18.528	ug/l	98
47) Bromodichloromethane	9.38	83	51754	18.469	ug/l	97
48) Methyl methacrylate	9.18	41	31535	17.131	ug/l	97
49) 1,4-Dioxane	9.18	88	11744	373.384	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	215770	90.856	ug/l	99
52) Toluene	10.14	92	91835	18.178	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	58101	18.369	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	62207	18.677	ug/l	97
55) 1,1,2-Trichloroethane	10.55	97	35640	18.083	ug/l	97
56) Ethyl methacrylate	10.42	69	49792	17.859	ug/l	98
57) 1,3-Dichloropropane	10.70	76	59621	18.333	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	123242	94.884	ug/l	99
59) 2-Hexanone	10.74	43	156881	85.516	ug/l	98
60) Dibromochloromethane	10.89	129	40312	17.824	ug/l	99
61) 1,2-Dibromoethane	11.00	107	36685	17.756	ug/l	98
64) Tetrachloroethene	10.62	164	38682	19.243	ug/l	98
65) Chlorobenzene	11.43	112	99747	18.515	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	38710	18.994	ug/l	99
67) Ethyl Benzene	11.50	91	178517	18.372	ug/l	99
68) m/p-Xylenes	11.62	106	134182	36.795	ug/l	99
69) o-Xylene	11.94	106	65491	18.652	ug/l	98
70) Styrene	11.96	104	100882	17.817	ug/l	99
71) Bromoform	12.12	173	28844	17.596	ug/l #	99
73) Isopropylbenzene	12.24	105	175733	18.432	ug/l	99
74) N-amyl acetate	12.06	43	60535	17.608	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	50836	18.525	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	67420	27.601	ug/l #	100
77) Bromobenzene	12.52	156	44193	18.678	ug/l	98
78) n-propylbenzene	12.59	91	198069	18.235	ug/l	100
79) 2-Chlorotoluene	12.67	91	115726	18.126	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	147902	18.658	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	17252	17.293	ug/l	96
82) 4-Chlorotoluene	12.77	91	118293	18.059	ug/l	100
83) tert-Butylbenzene	12.99	119	127233	18.144	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	145408	18.583	ug/l	100
85) sec-Butylbenzene	13.17	105	169483	18.250	ug/l	100
86) p-Isopropyltoluene	13.28	119	153629	18.258	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	75915	18.126	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	75943	18.137	ug/l	98
89) n-Butylbenzene	13.61	91	133913	18.094	ug/l	99
90) Hexachloroethane	13.87	117	28139	17.901	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	73699	17.981	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	9966	16.564	ug/l	95

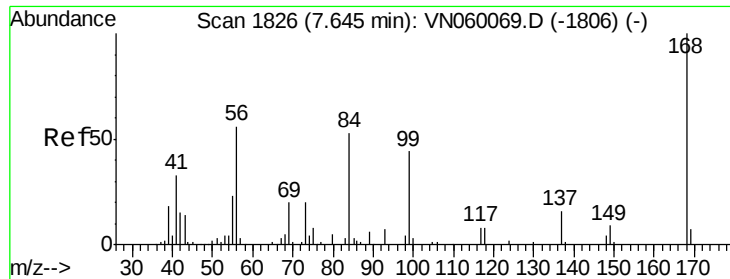
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022120\
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Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	42677	17.721	ug/l	96
94) Hexachlorobutadiene	15.01	225	25563	18.132	ug/l	100
95) Naphthalene	15.13	128	105080	16.153	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	40900	17.054	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060182.D

Acq: 21 Feb 2020 11:57

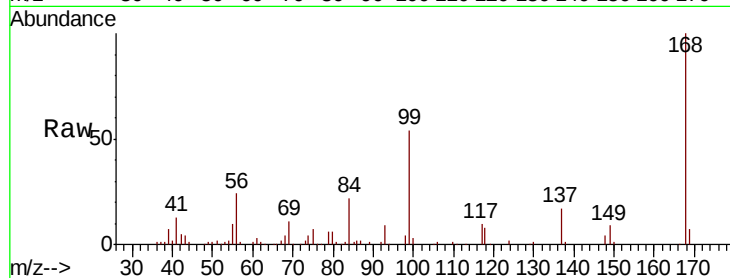
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 180207

Ion Ratio Lower Upper

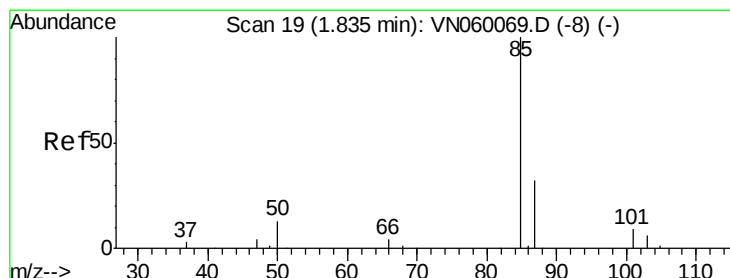
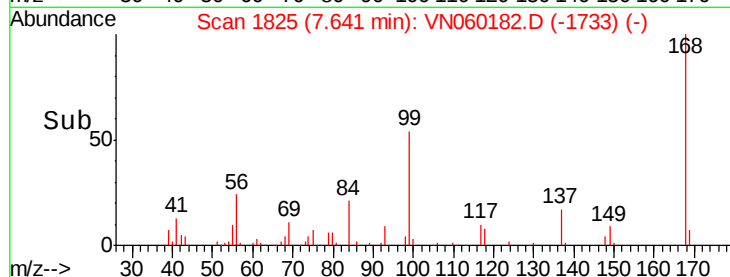
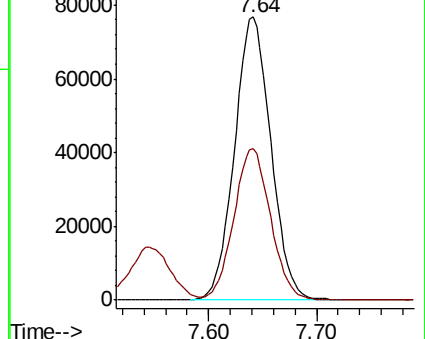
168 100

99 53.7 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 18.288 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN060182.D

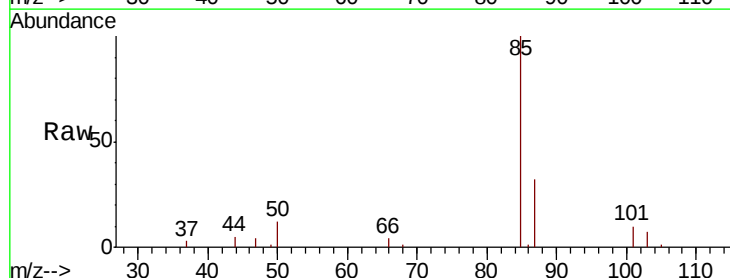
Acq: 21 Feb 2020 11:57

Tgt Ion: 85 Resp: 32942

Ion Ratio Lower Upper

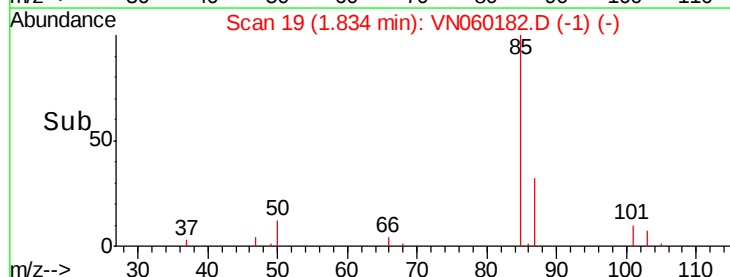
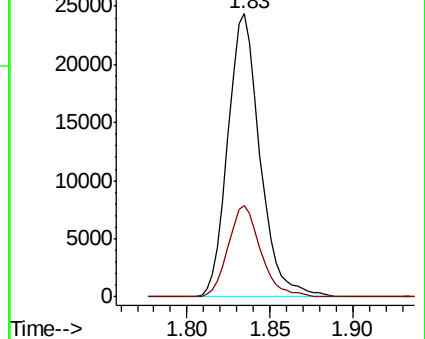
85 100

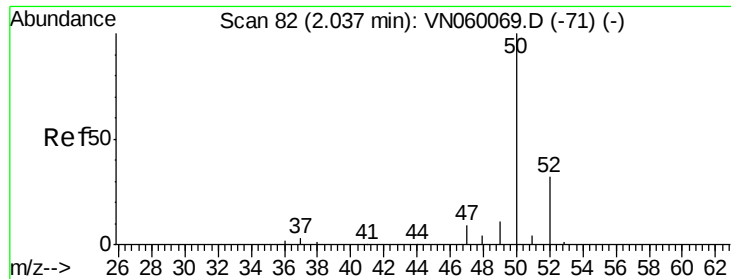
87 32.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

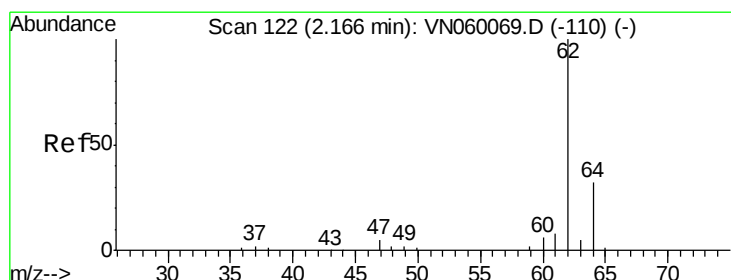
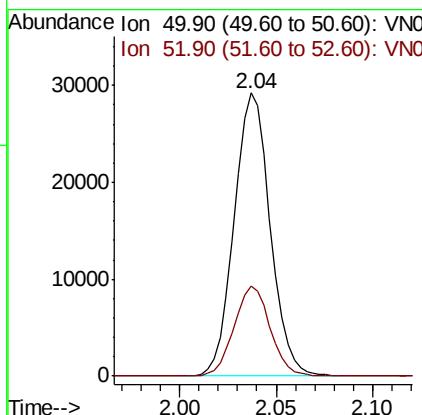
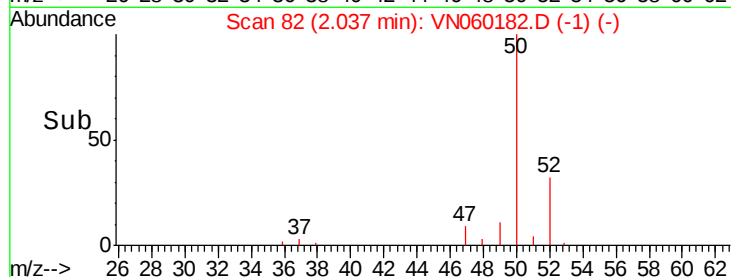
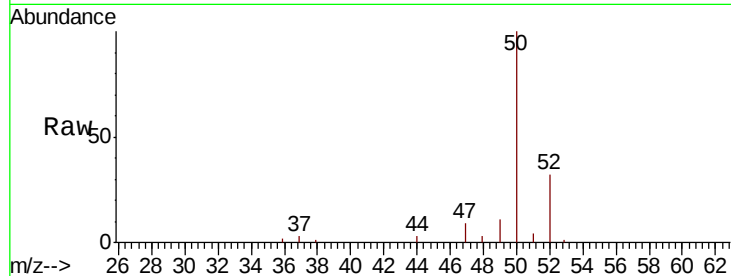




#3
 Chloromethane
 Concen: 17.641 ug/l
 RT: 2.04 min Scan# 82
 Delta R.T. -0.00 min
 Lab File: VN060182.D
 Acq: 21 Feb 2020 11:57

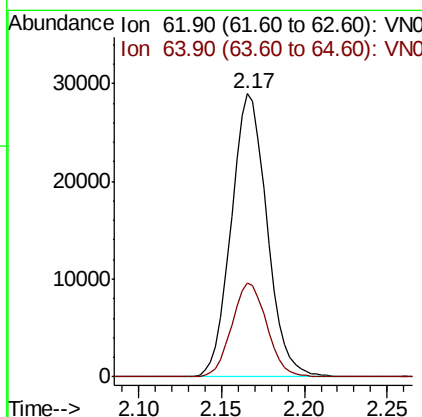
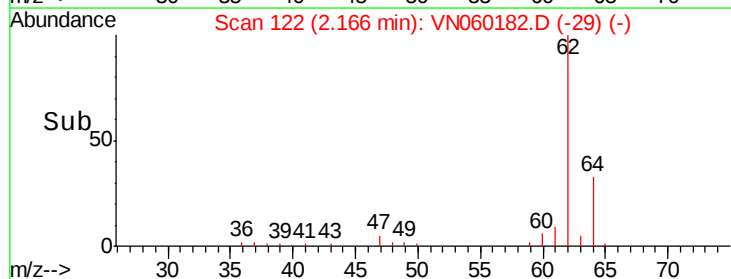
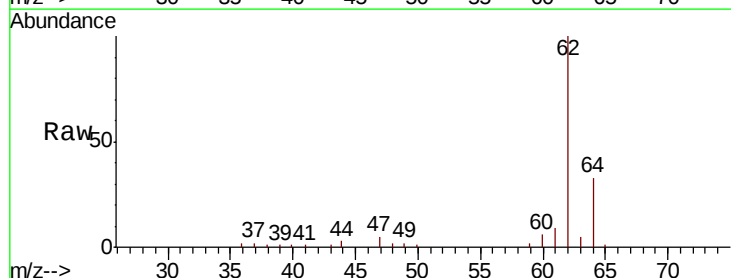
Instrument :
 MSVOA_N
 ClientSampleId :

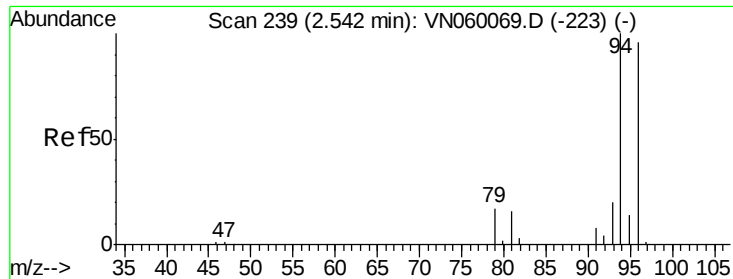
Tot Ion: 50 Resp: 37816
 Ion Ratio Lower Upper
 50 100
 52 31.7 25.6 38.4



#4
 Vinyl Chloride
 Concen: 17.758 ug/l
 RT: 2.17 min Scan# 122
 Delta R.T. -0.00 min
 Lab File: VN060182.D
 Acq: 21 Feb 2020 11:57

Tgt Ion: 62 Resp: 43389
 Ion Ratio Lower Upper
 62 100
 64 33.0 25.9 38.9

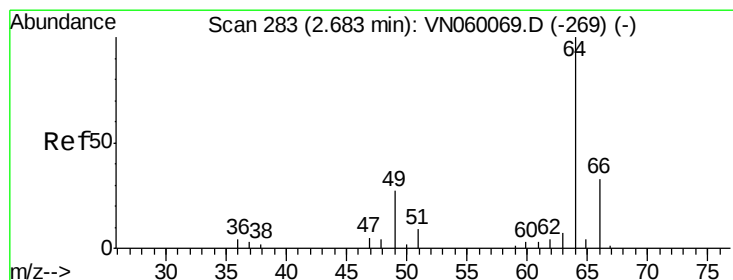
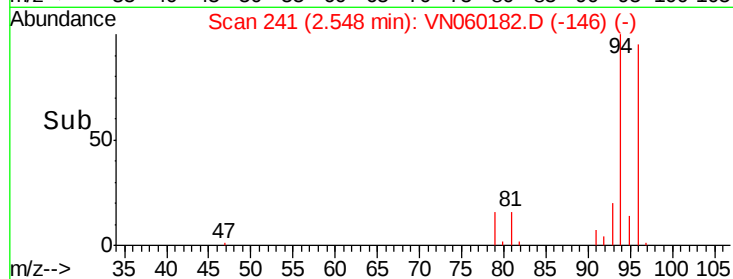
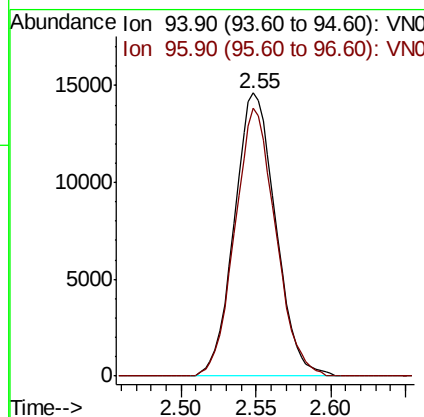
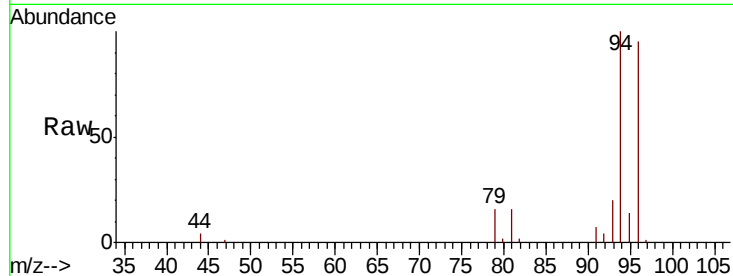




#5
Bromomethane
Concen: 18.751 ug/l
RT: 2.55 min Scan# 241
Delta R.T. 0.01 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

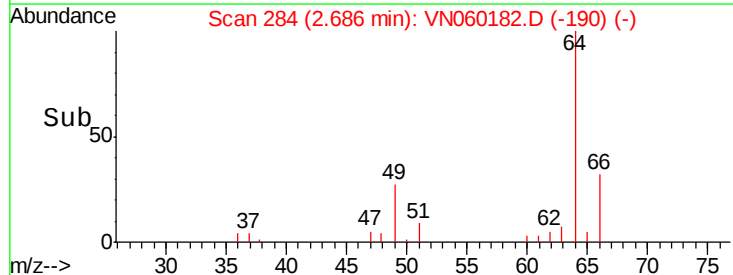
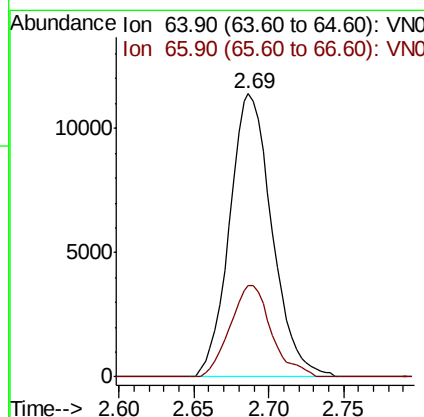
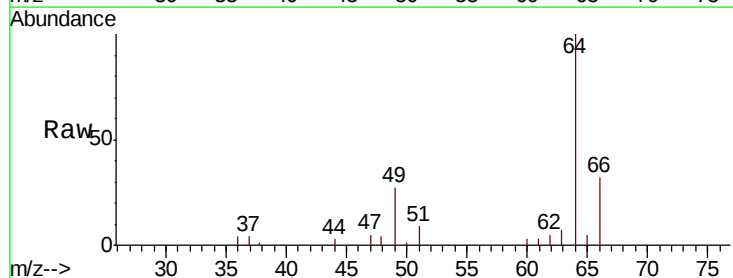
Instrument :
MSVOA_N
ClientSampleId :

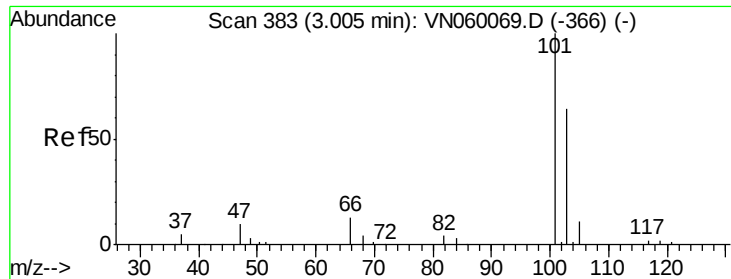
Tot Ion: 94 Resp: 28093
Ion Ratio Lower Upper
94 100
96 94.5 76.7 115.1



#6
Chloroethane
Concen: 18.203 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

Tgt Ion: 64 Resp: 22496
Ion Ratio Lower Upper
64 100
66 32.5 26.6 40.0



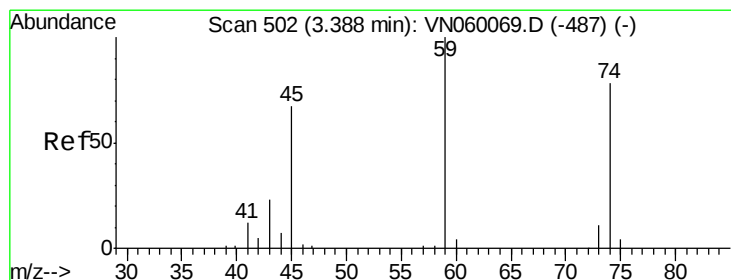
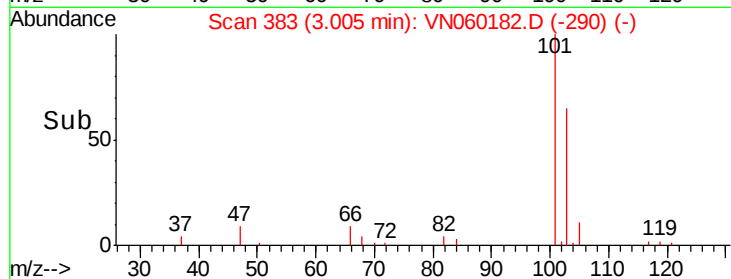
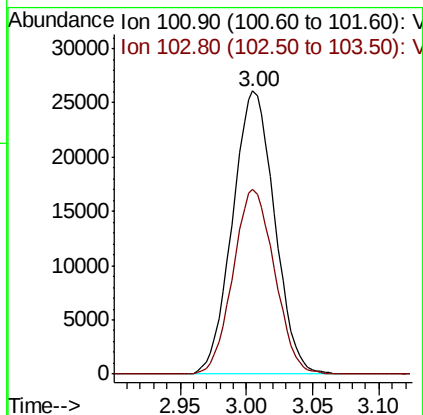
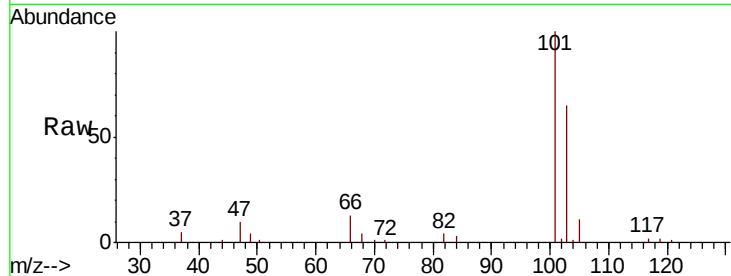


#7

Trichlorofluoromethane
 Concen: 18.229 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. -0.00 min
 Lab File: VN060182.D
 Acq: 21 Feb 2020 11:57

Instrument :
 MSVOA_N
 ClientSampled :

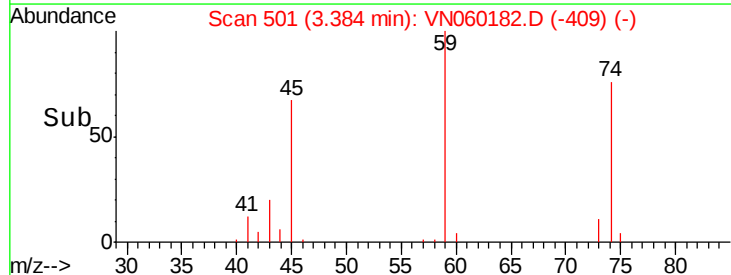
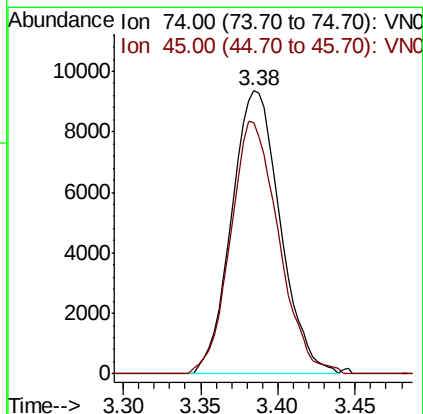
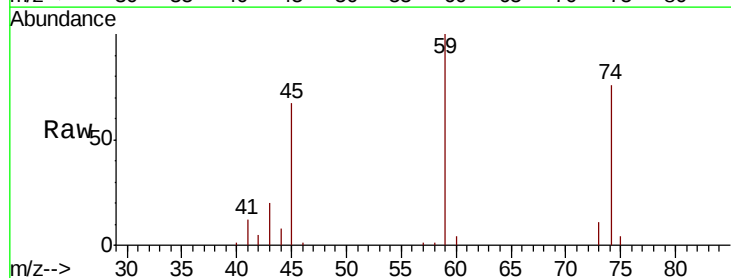
Tot Ion:101 Resp: 57424
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.0 76.6

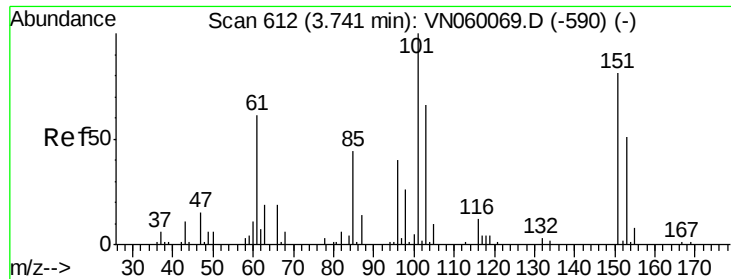


#8

Diethyl Ether
 Concen: 19.541 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN060182.D
 Acq: 21 Feb 2020 11:57

Tgt Ion: 74 Resp: 20491
 Ion Ratio Lower Upper
 74 100
 45 88.0 44.7 134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.726 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN060182.D

Acq: 21 Feb 2020 11:57

Instrument :

MSVOA_N

ClientSampled :

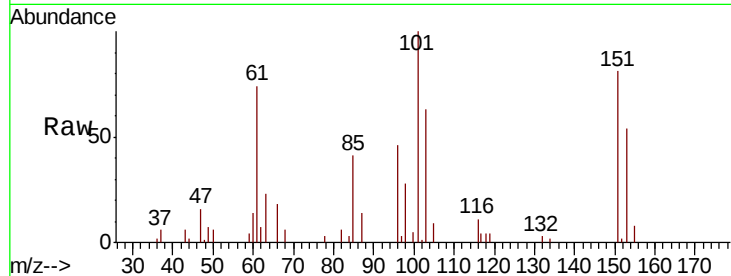
Tot Ion:101 Resp: 32751

Ion Ratio Lower Upper

101 100

85 43.2 35.1 52.7

151 82.8 65.8 98.6

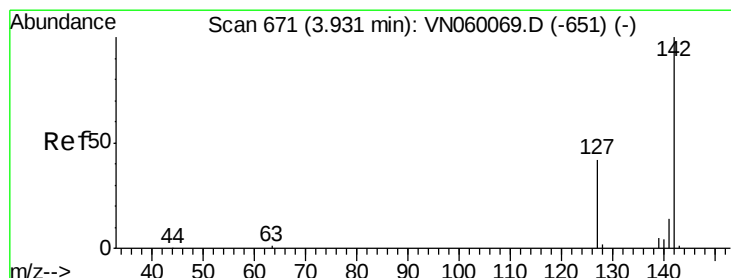
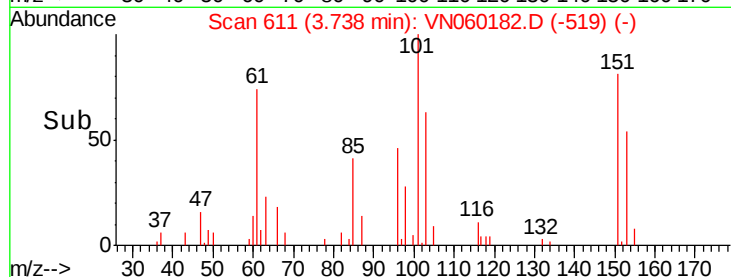
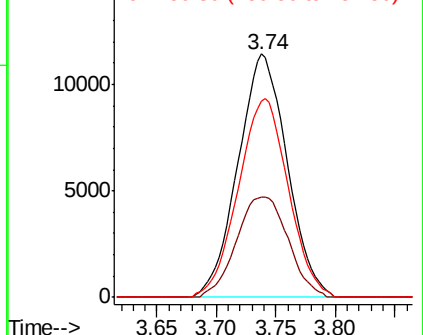


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.417 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN060182.D

Acq: 21 Feb 2020 11:57

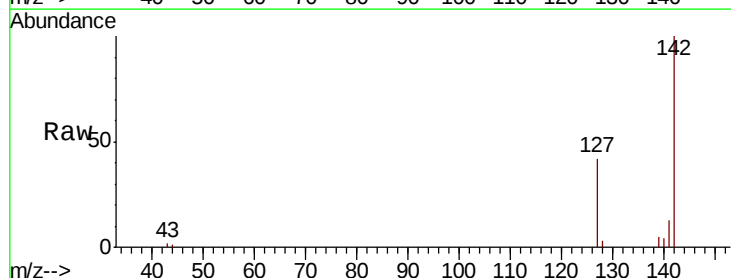
Tgt Ion:142 Resp: 41873

Ion Ratio Lower Upper

142 100

127 42.7 33.6 50.4

141 14.1 11.4 17.2

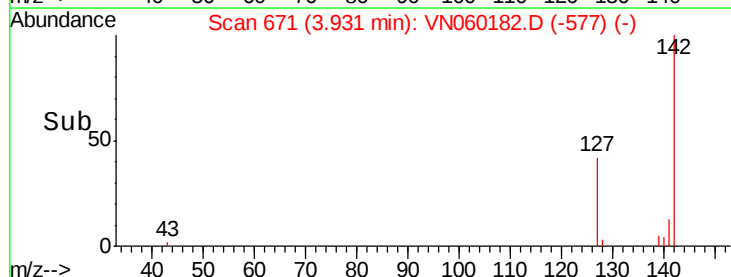
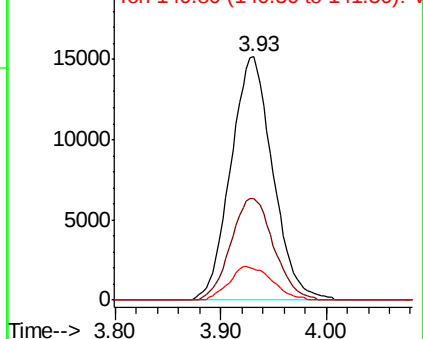


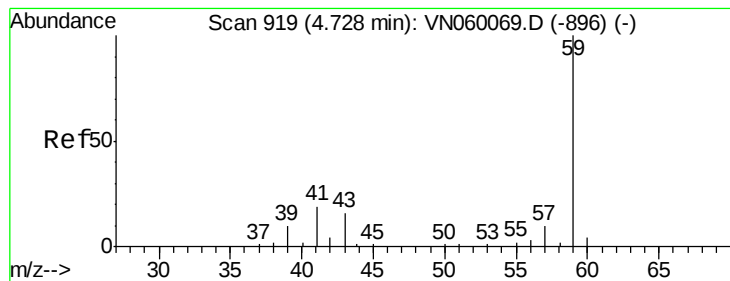
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



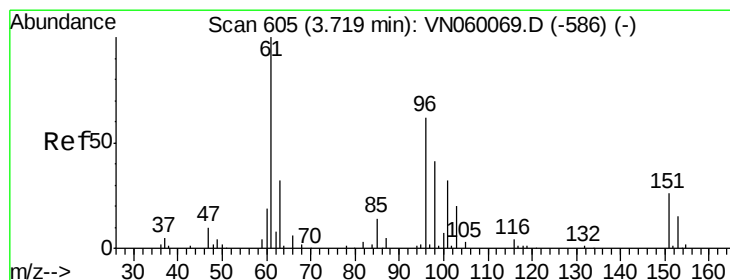
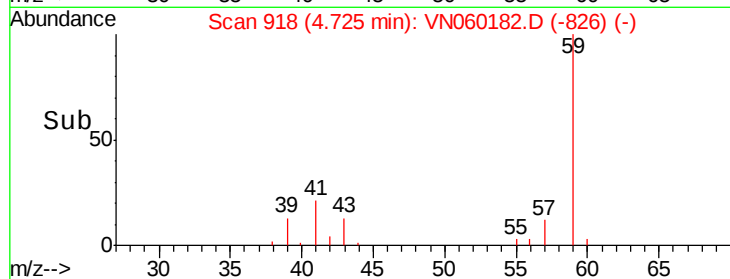
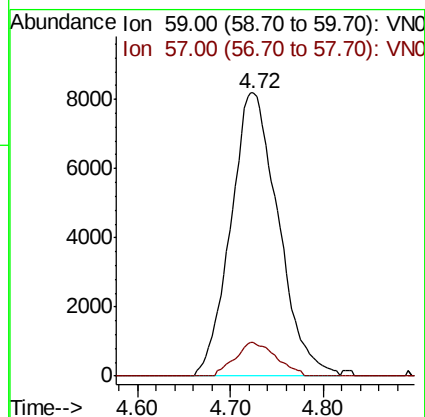
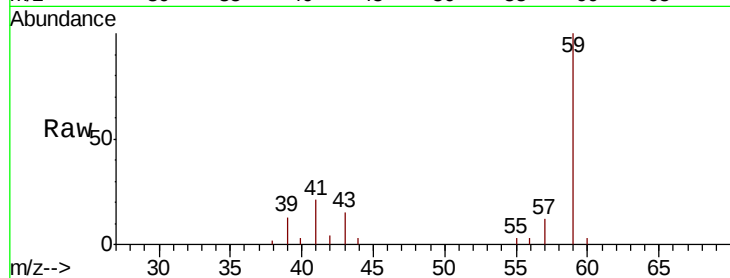


#11

Tert butyl alcohol
 Concen: 88.979 ug/l
 RT: 4.72 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: VN060182.D
 Acq: 21 Feb 2020 11:57

Instrument :
 MSVOA_N
 ClientSampleId :

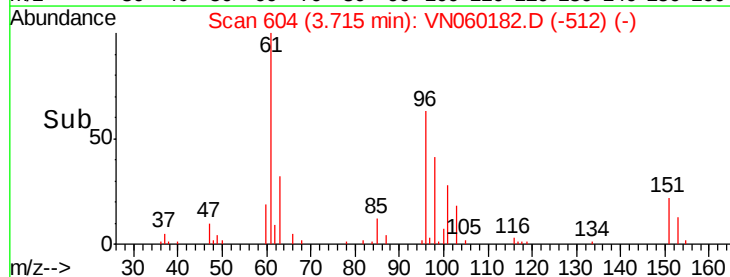
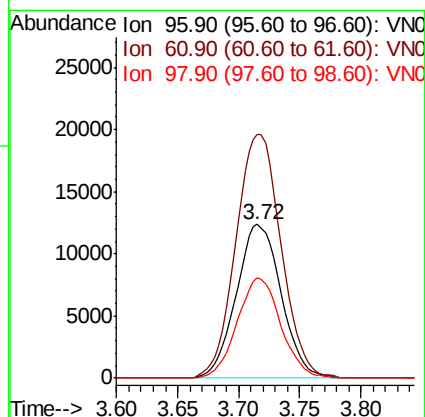
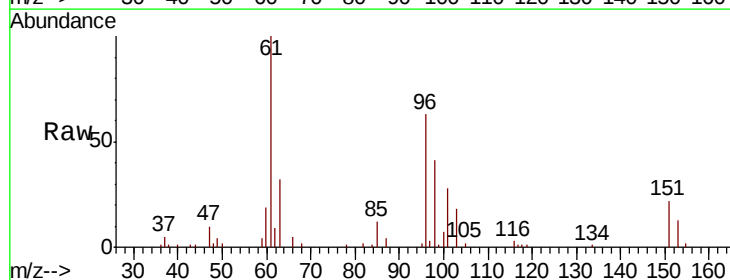
Tot Ion: 59 Resp: 29198
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

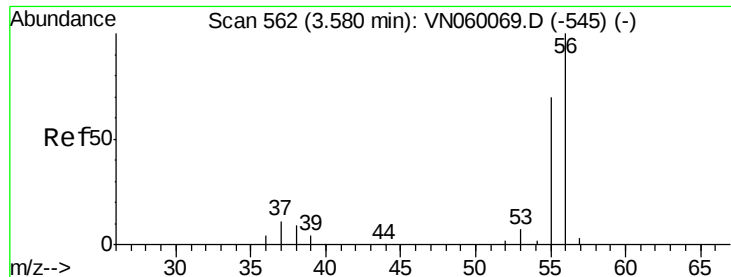


#12

1,1-Dichloroethene
 Concen: 18.518 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VN060182.D
 Acq: 21 Feb 2020 11:57

Tgt Ion: 96 Resp: 31551
 Ion Ratio Lower Upper
 96 100
 61 158.1 128.3 192.5
 98 64.9 52.2 78.4





#13

Acrolein

Concen: 80.543 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN060182.D

Acq: 21 Feb 2020 11:57

Instrument :

MSVOA_N

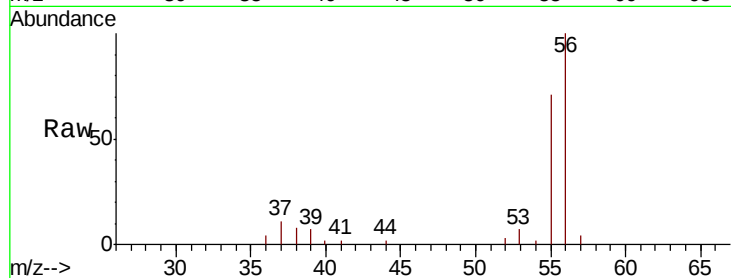
ClientSampled :

Tot Ion: 56 Resp: 26124

Ion Ratio Lower Upper

56 100

55 71.6 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VN060069.D (-545) (-)

Ion 55.00 (54.70 to 55.70): VN060069.D (-545) (-)

12000

10000

8000

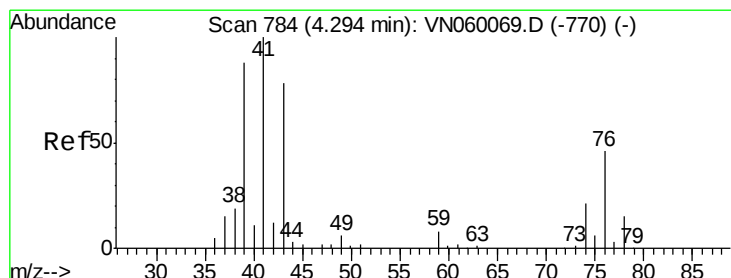
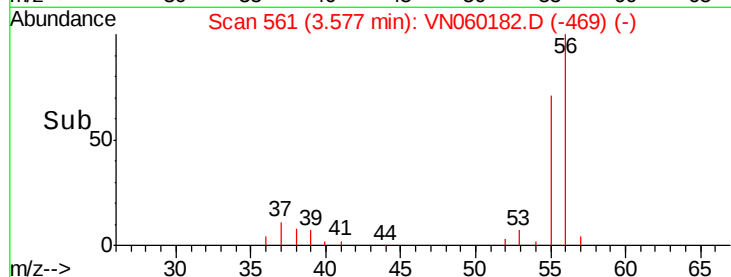
6000

4000

2000

0

Time-->



#14

Allyl chloride

Concen: 18.769 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060182.D

Acq: 21 Feb 2020 11:57

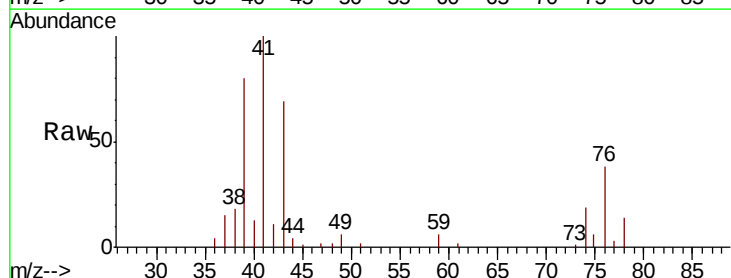
Tgt Ion: 41 Resp: 47068

Ion Ratio Lower Upper

41 100

39 79.0 67.8 101.8

76 39.5 33.9 50.9



Abundance Ion 41.00 (40.70 to 41.70): VN060069.D (-770) (-)

Ion 39.00 (38.70 to 39.70): VN060069.D (-770) (-)

Ion 75.90 (75.60 to 76.60): VN060069.D (-770) (-)

20000

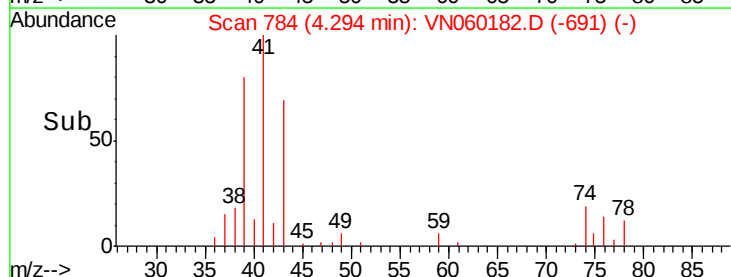
15000

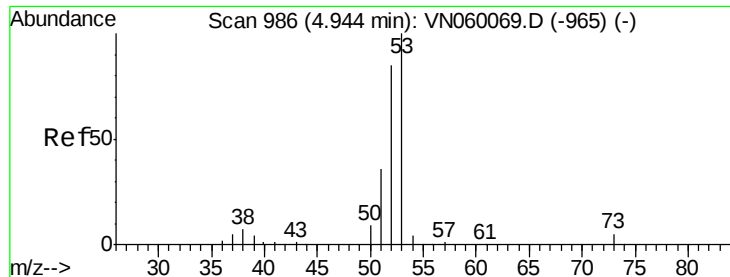
10000

5000

0

Time-->





#15

Acrylonitrile

Concen: 94.679 ug/l

RT: 4.94 min Scan# 986

Delta R.T. -0.00 min

Lab File: VN060182.D

Acq: 21 Feb 2020 11:57

Instrument :

MSVOA_N

ClientSampled :

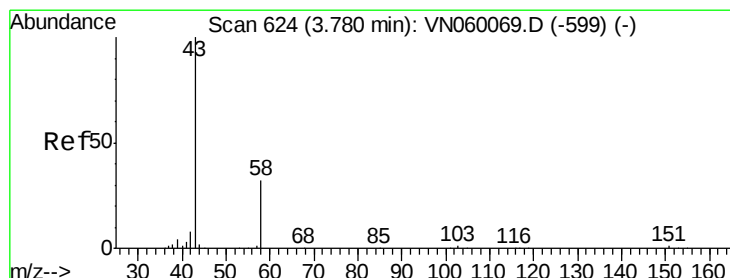
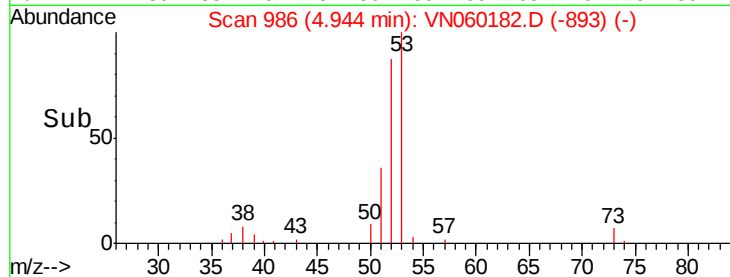
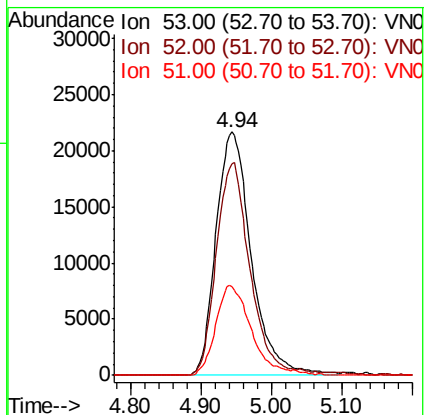
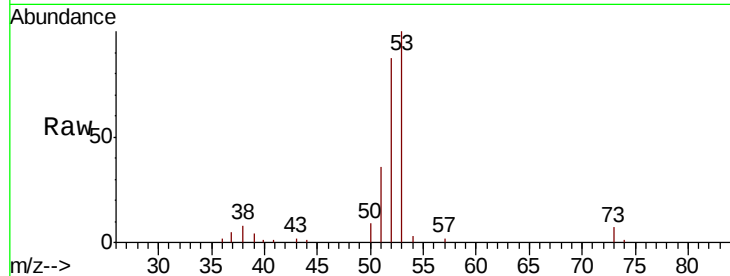
Tot Ion: 53 Resp: 75873

Ion Ratio Lower Upper

53 100

52 83.1 66.8 100.2

51 37.1 29.4 44.0



#16

Acetone

Concen: 80.636 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060182.D

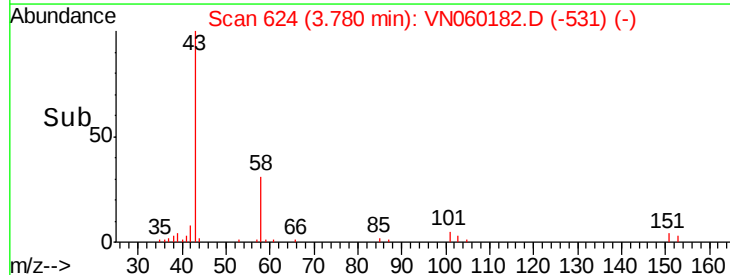
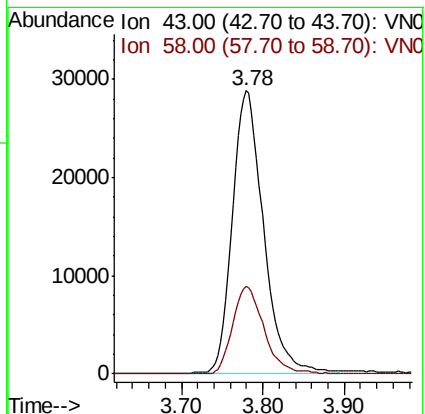
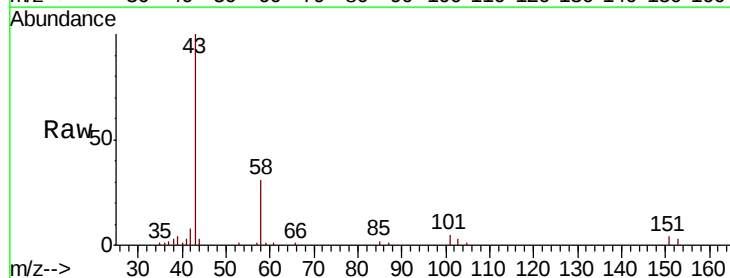
Acq: 21 Feb 2020 11:57

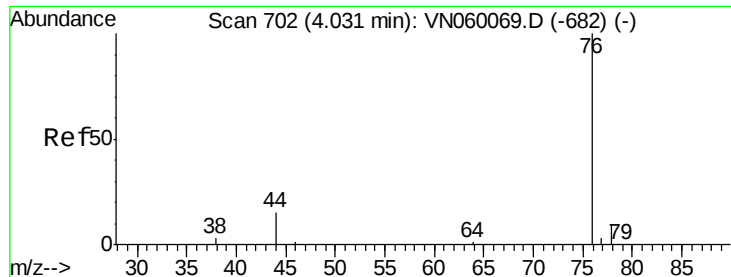
Tgt Ion: 43 Resp: 77128

Ion Ratio Lower Upper

43 100

58 30.9 25.2 37.8

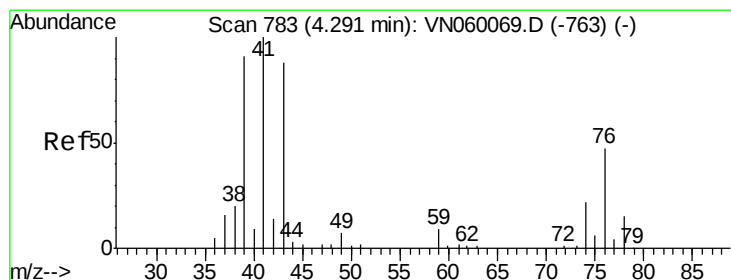
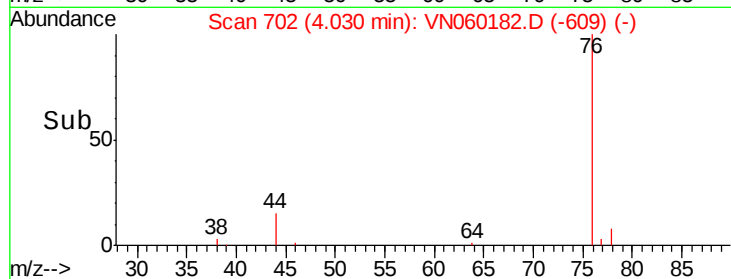
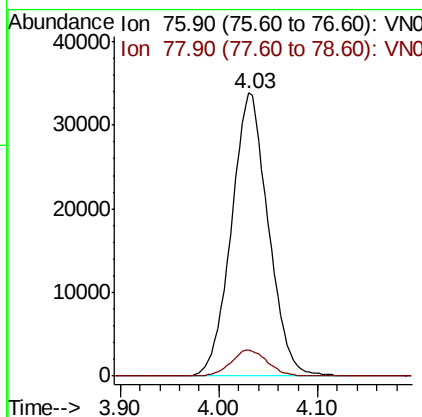
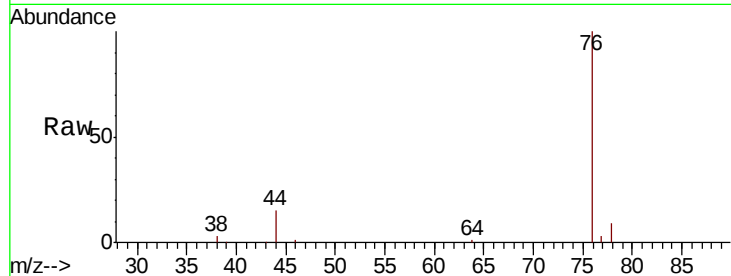




#17
Carbon Disulfide
Concen: 17.071 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

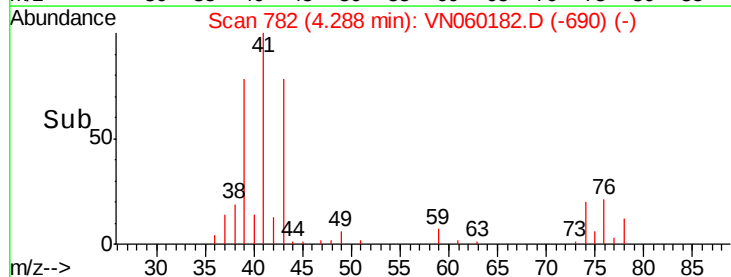
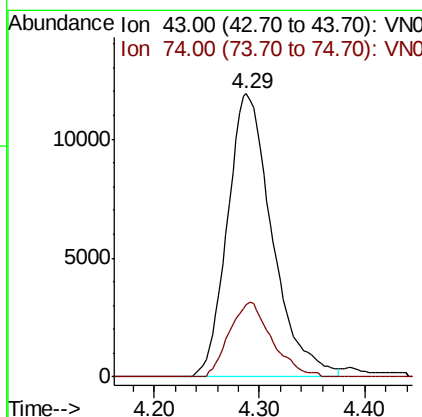
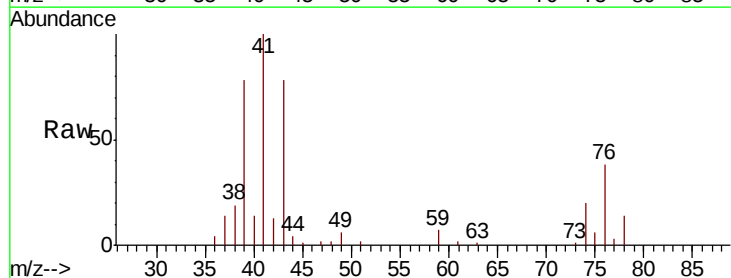
Instrument :
MSVOA_N
ClientSampleId :

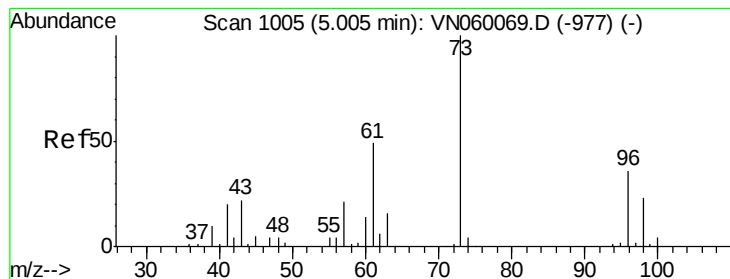
Tot Ion: 76 Resp: 87668
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 19.546 ug/l
RT: 4.29 min Scan# 782
Delta R.T. -0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

Tgt Ion: 43 Resp: 35119
Ion Ratio Lower Upper
43 100
74 25.1 20.3 30.5



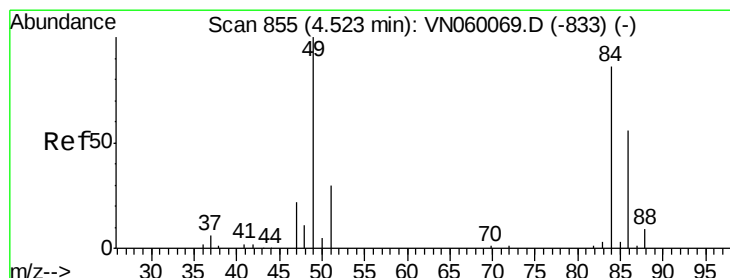
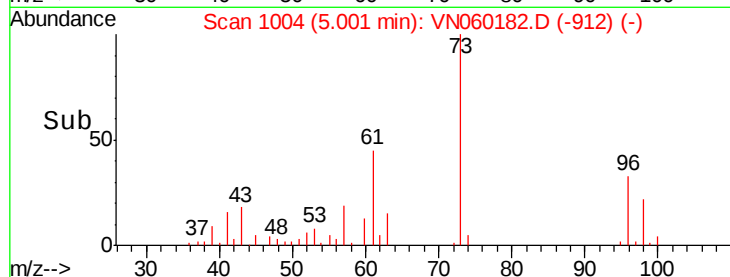
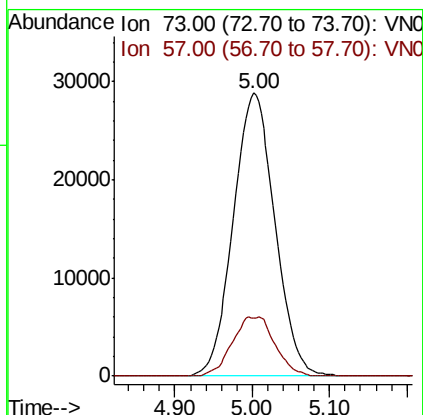
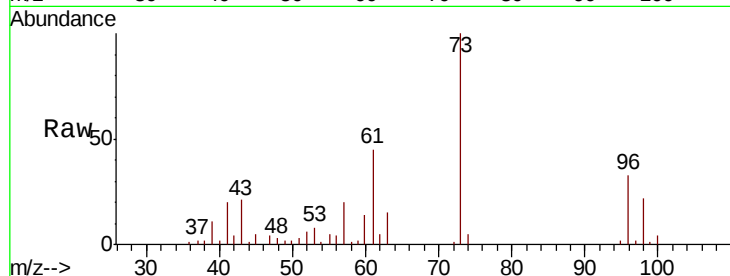


#19

Methyl tert-butyl Ether
 Concen: 18.835 ug/l
 RT: 5.00 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: VN060182.D
 Acq: 21 Feb 2020 11:57

Instrument :
 MSVOA_N
 ClientSampleId :

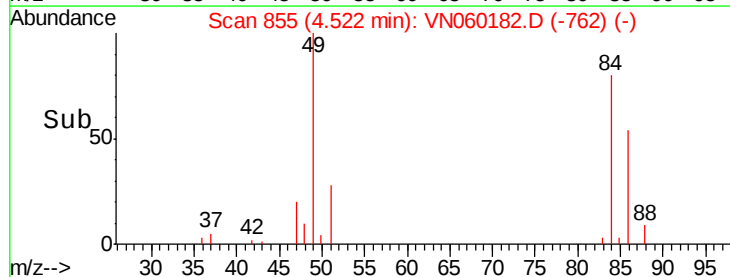
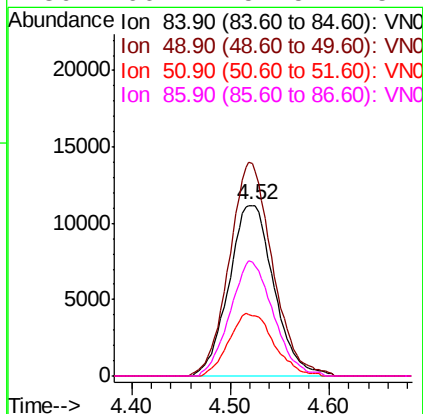
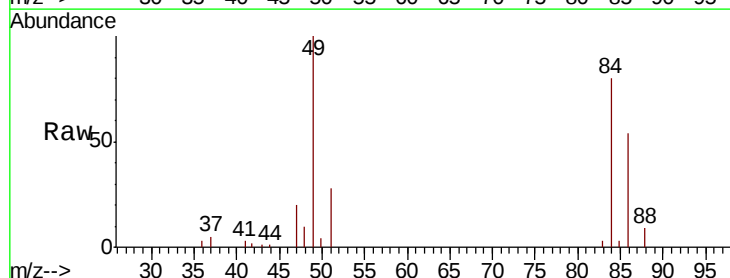
Tot Ion: 73 Resp: 107918
 Ion Ratio Lower Upper
 73 100
 57 20.3 17.2 25.8

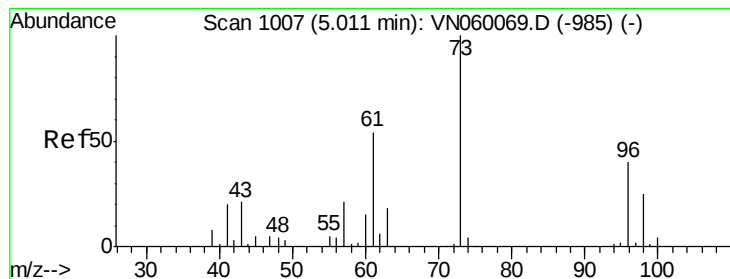


#20

Methylene Chloride
 Concen: 18.602 ug/l
 RT: 4.52 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VN060182.D
 Acq: 21 Feb 2020 11:57

Tgt Ion: 84 Resp: 35497
 Ion Ratio Lower Upper
 84 100
 49 124.3 93.4 140.0
 51 35.3 28.4 42.6
 86 66.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.608 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN060182.D

Acq: 21 Feb 2020 11:57

Instrument :
MSVOA_N
ClientSampled :

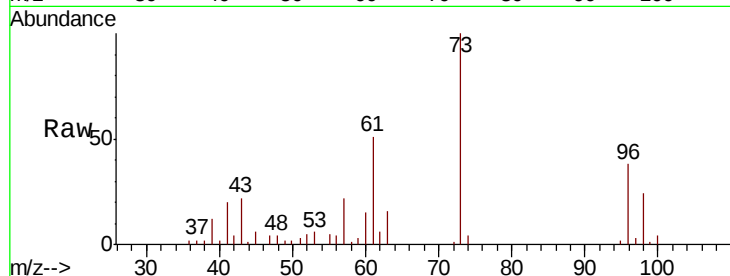
Tot Ion: 96 Resp: 34560

Ion Ratio Lower Upper

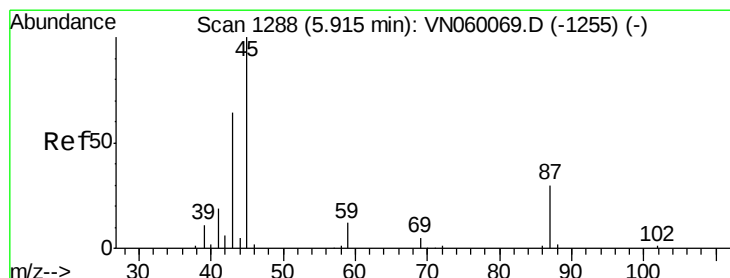
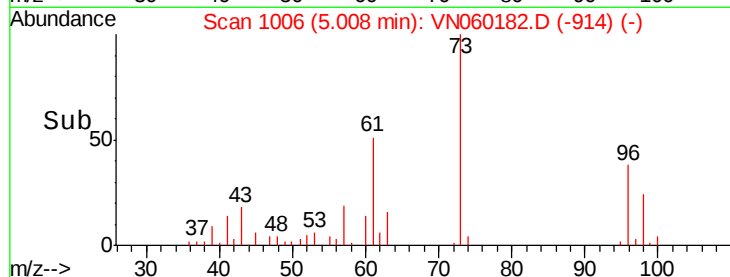
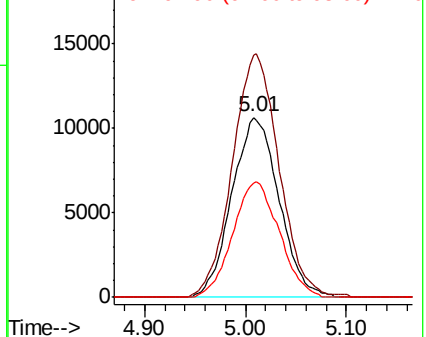
96 100

61 134.5 109.3 163.9

98 63.4 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 19.295 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN060182.D

Acq: 21 Feb 2020 11:57

Tgt Ion: 45 Resp: 106041

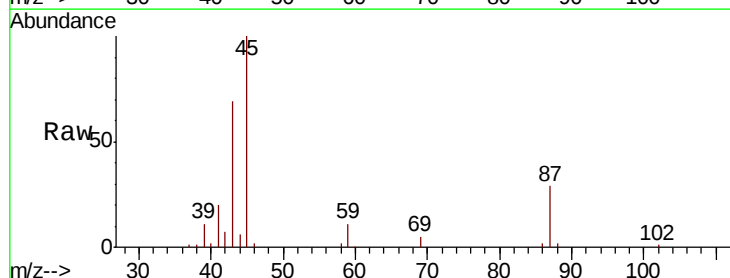
Ion Ratio Lower Upper

45 100

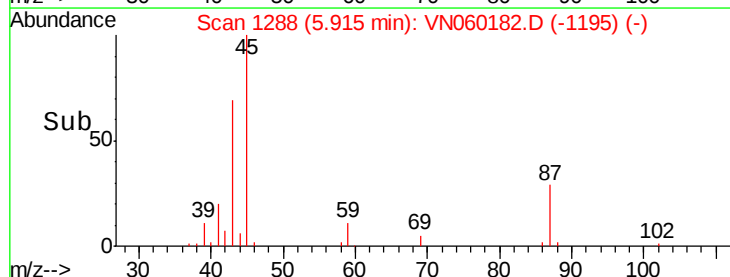
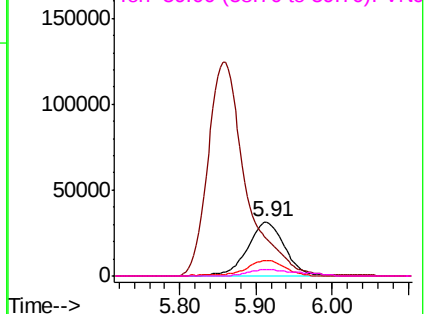
43 66.7 55.9 83.9

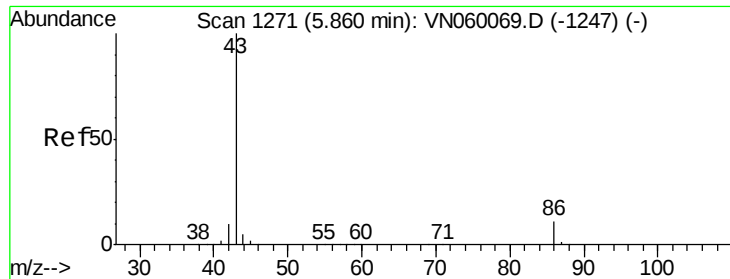
87 29.1 24.5 36.7

59 11.2 9.9 14.9



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 93.440 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060182.D

Acq: 21 Feb 2020 11:57

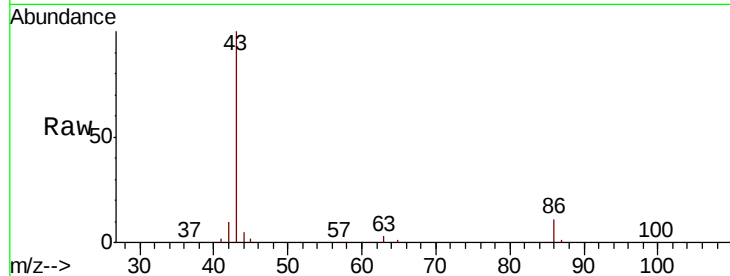
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 431250

Ion Ratio Lower Upper

43 100

86 11.0 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-1247) (-)

Ion 86.00 (85.70 to 86.70): VN060069.D (-1247) (-)

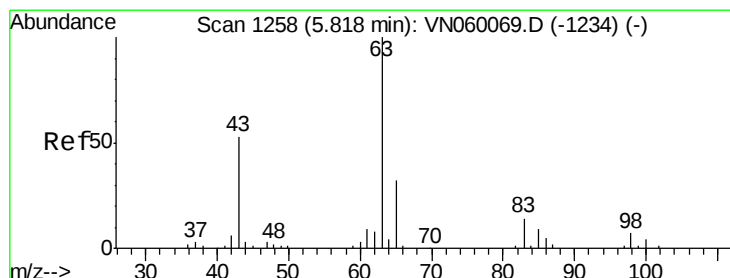
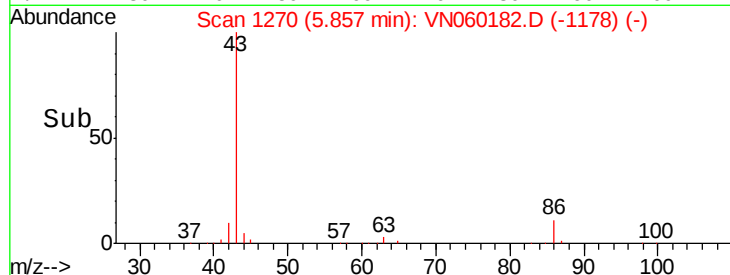
5.86

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.837 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060182.D

Acq: 21 Feb 2020 11:57

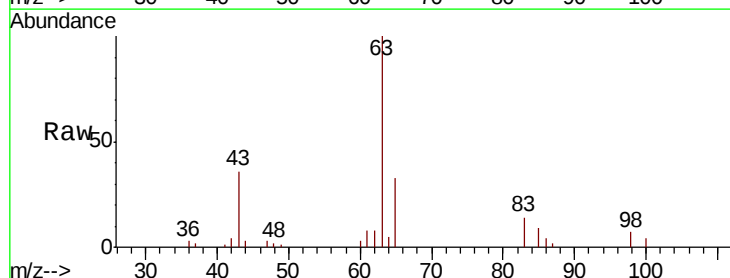
Tgt Ion: 63 Resp: 62716

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.5

100 4.3 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN060069.D (-1234) (-)

Ion 97.90 (97.60 to 98.60): VN060069.D (-1234) (-)

Ion 99.90 (99.60 to 100.60): VN060069.D (-1234) (-)

5.81

25000

20000

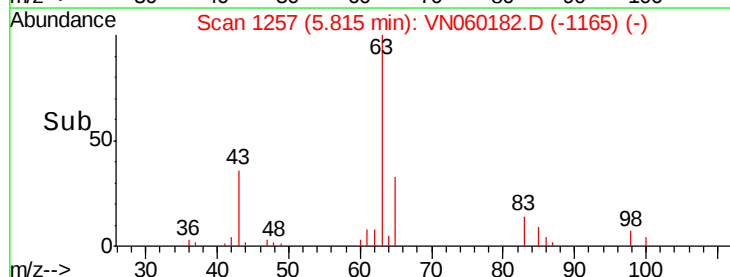
15000

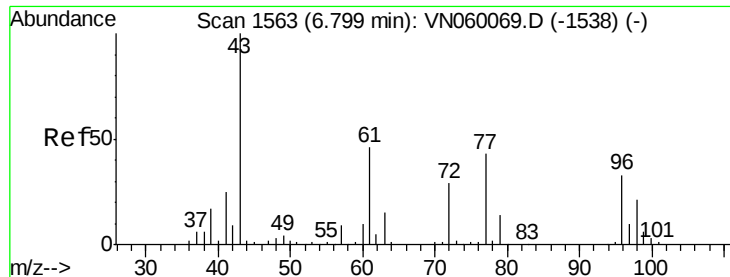
10000

5000

0

Time-->





#25

2-Butanone

Concen: 87.192 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060182.D

Acq: 21 Feb 2020 11:57

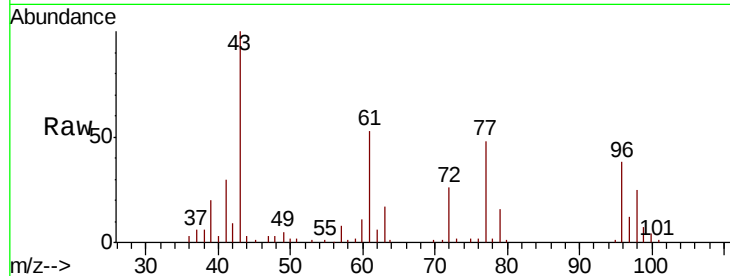
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 104889

Ion Ratio Lower Upper

43 100

72 26.2 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-1538) (-)

Ion 72.00 (71.70 to 72.70): VN060069.D (-1538) (-)

6.80

40000

30000

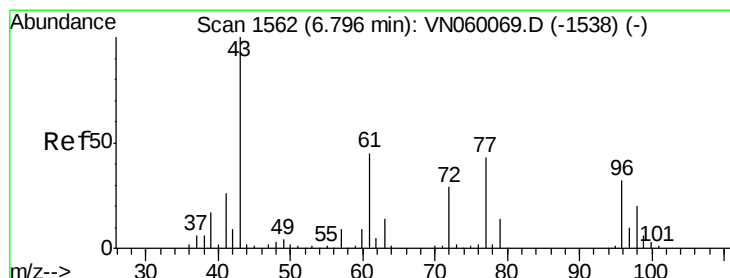
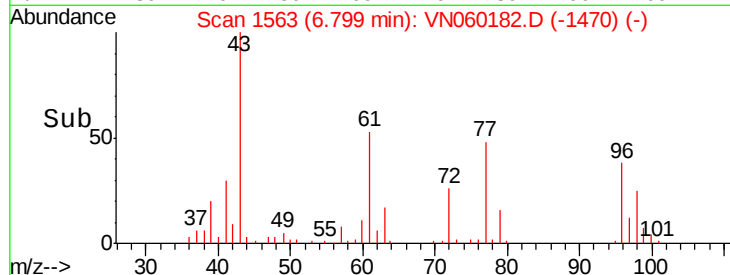
20000

10000

0

6.70 6.75 6.80 6.85

Time-->



#26

2,2-Dichloropropane

Concen: 18.582 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060182.D

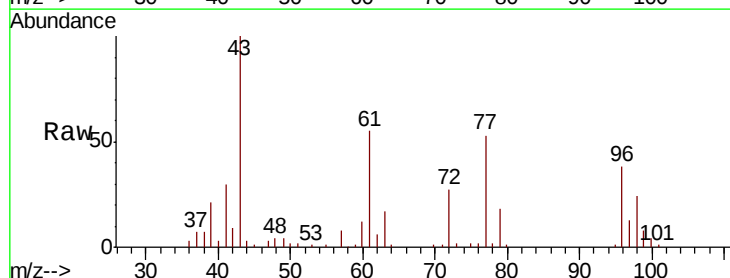
Acq: 21 Feb 2020 11:57

Tgt Ion: 77 Resp: 58760

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VN060069.D (-1538) (-)

Ion 96.90 (96.60 to 97.60): VN060069.D (-1538) (-)

6.79

20000

15000

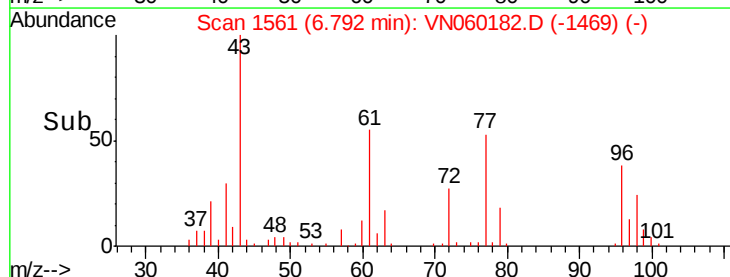
10000

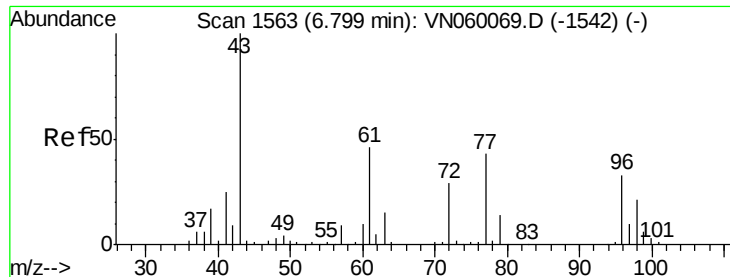
5000

0

6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 18.408 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060182.D

Acq: 21 Feb 2020 11:57

Instrument :
MSVOA_N
ClientSampled :

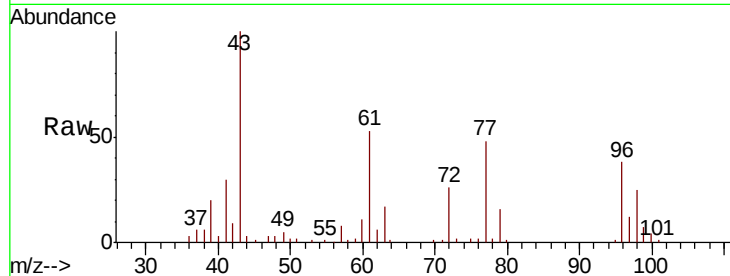
Tot Ion: 96 Resp: 40011

Ion Ratio Lower Upper

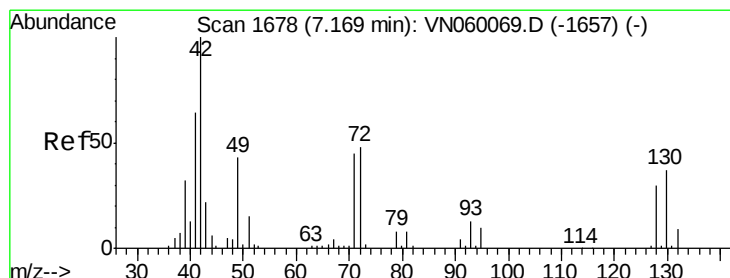
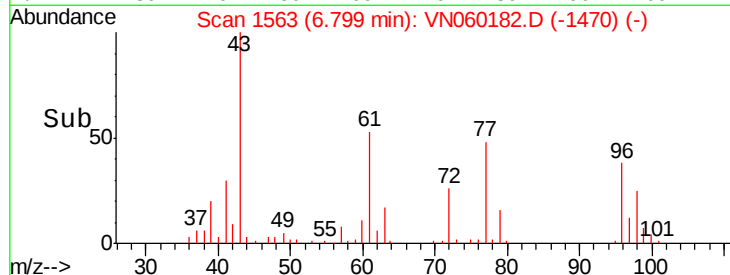
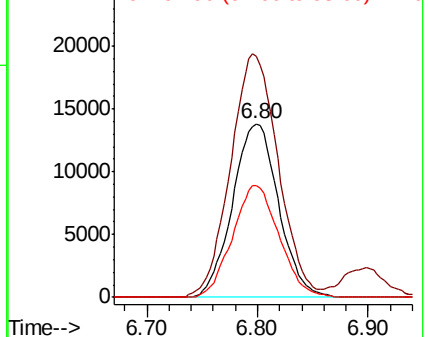
96 100

61 145.2 0.0 285.8

98 65.3 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 18.422 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060182.D

Acq: 21 Feb 2020 11:57

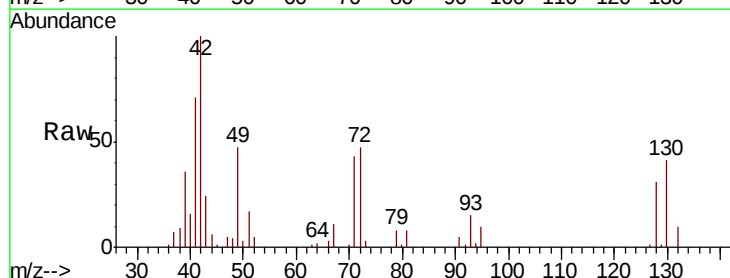
Tgt Ion: 49 Resp: 24113

Ion Ratio Lower Upper

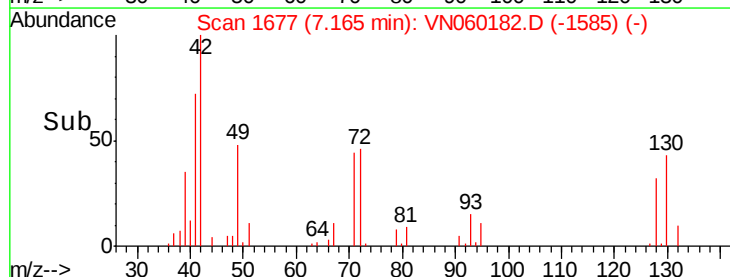
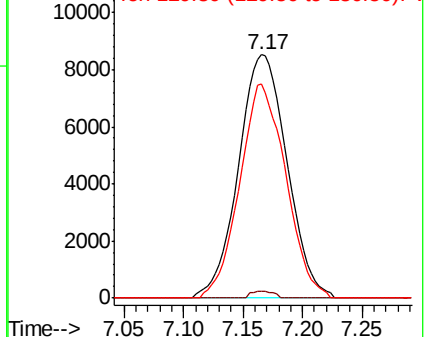
49 100

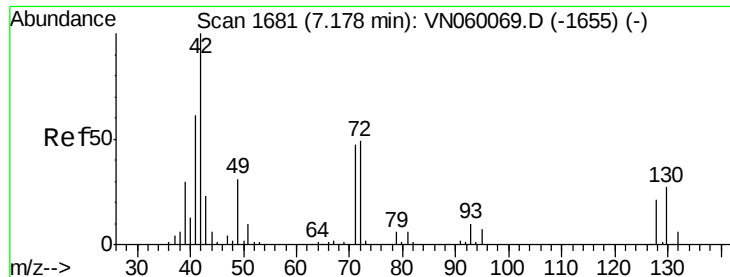
129 1.3 0.0 2.2

130 83.4 66.8 100.2



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

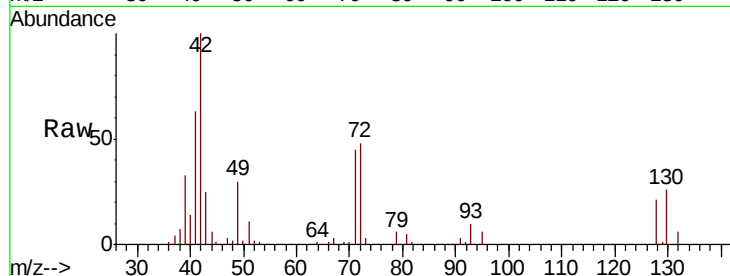




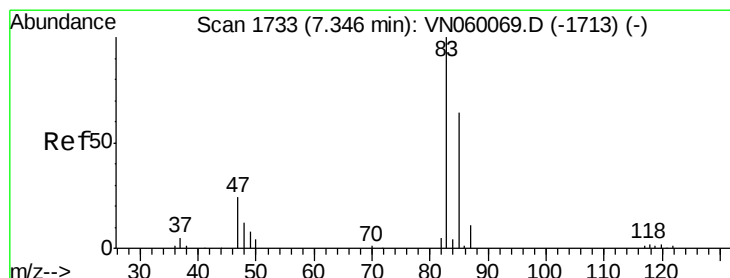
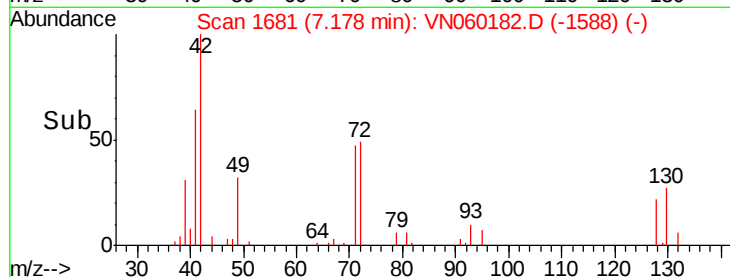
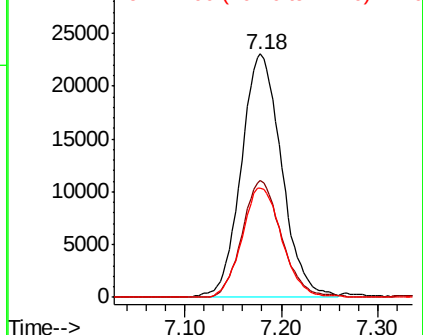
#29
Tetrahydrofuran
Concen: 90.569 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 66839
Ion Ratio Lower Upper
42 100
72 46.6 38.2 57.4
71 44.6 36.6 54.8

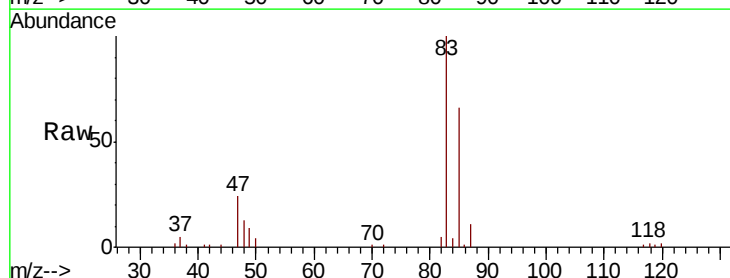


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

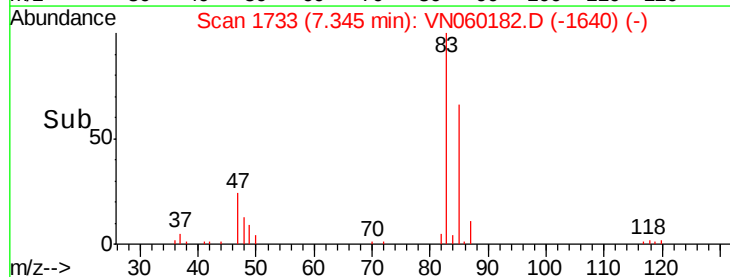
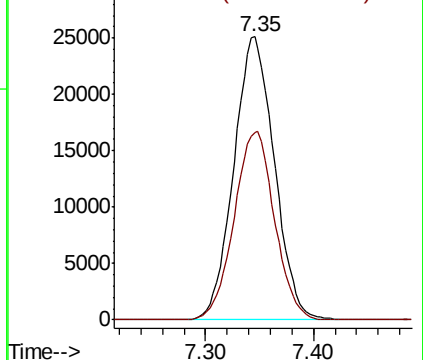


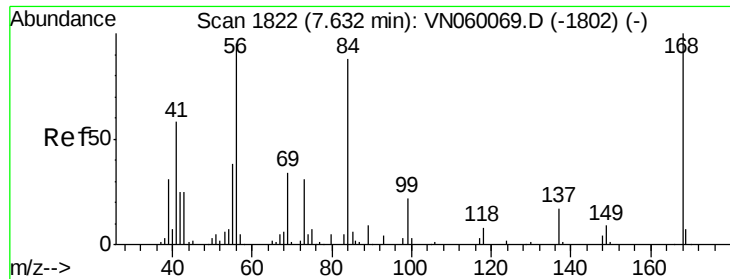
#30
Chloroform
Concen: 18.848 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

Tgt Ion: 83 Resp: 65732
Ion Ratio Lower Upper
83 100
85 66.4 51.4 77.0



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

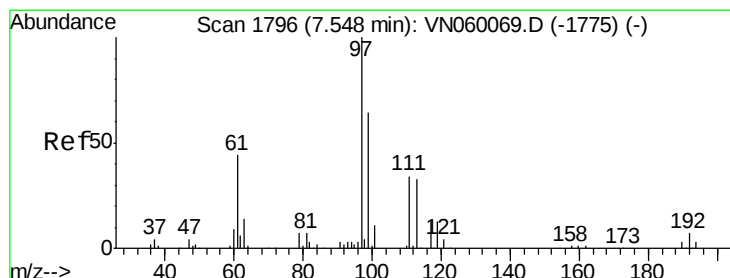
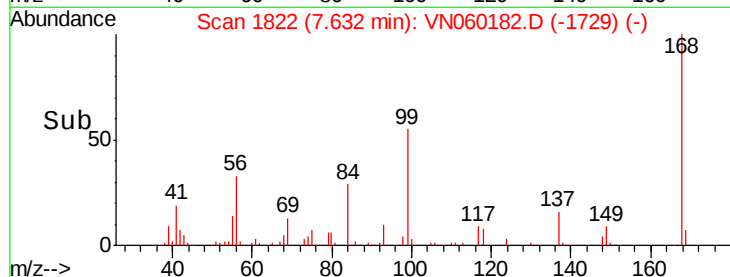
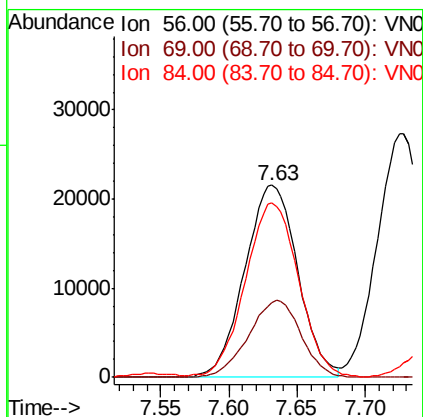
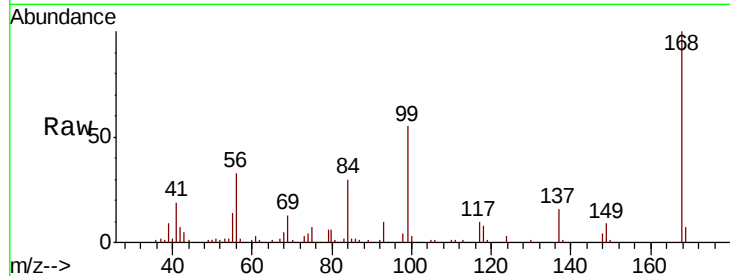




#31
Cyclohexane
Concen: 18.762 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

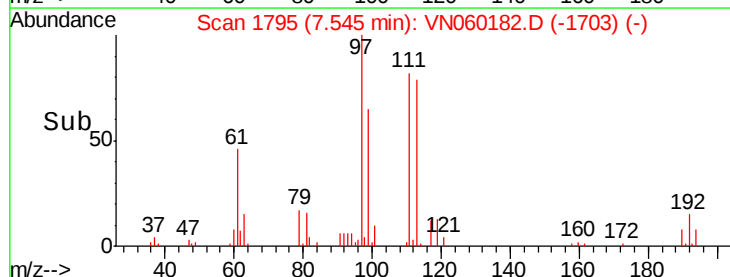
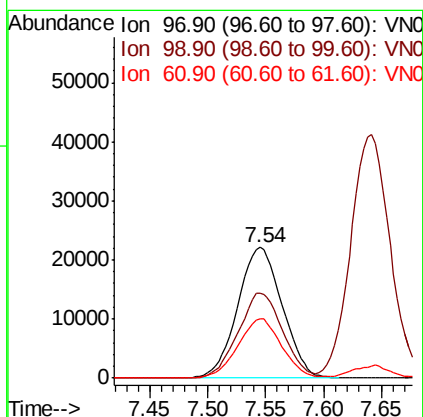
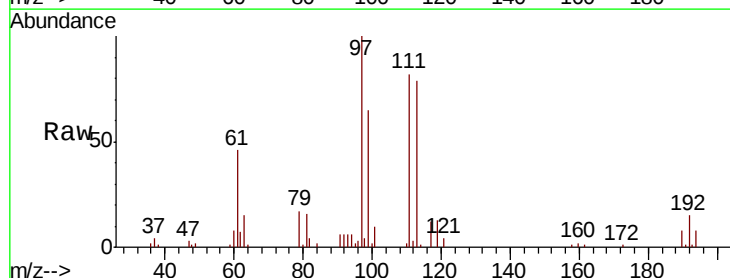
Instrument :
MSVOA_N
ClientSampleId :

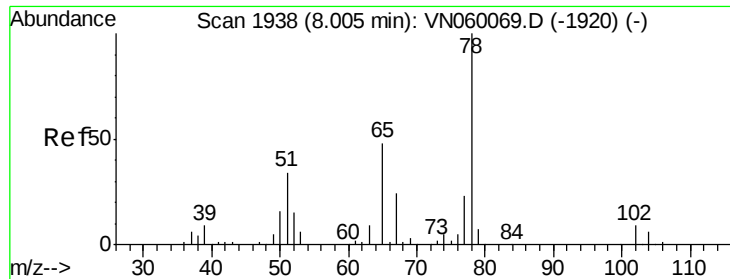
Tot Ion: 56 Resp: 58189
Ion Ratio Lower Upper
56 100
69 39.0 28.3 42.5
84 89.5 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 18.575 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

Tgt Ion: 97 Resp: 59200
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.0
61 44.5 34.9 52.3

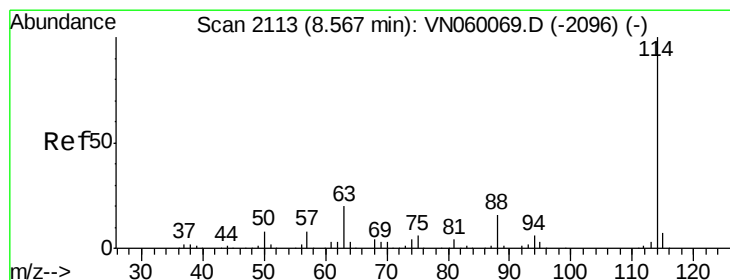
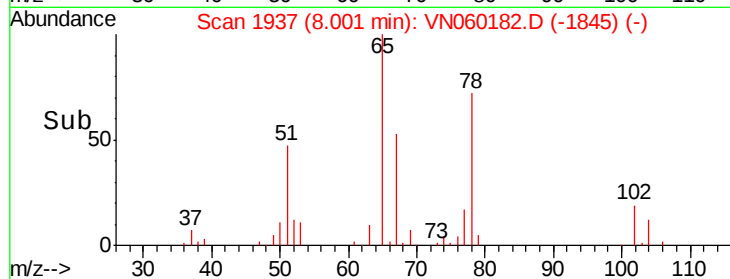
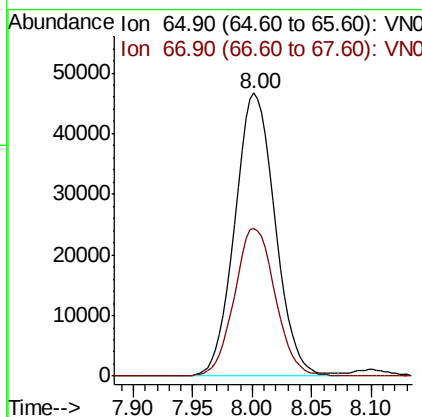
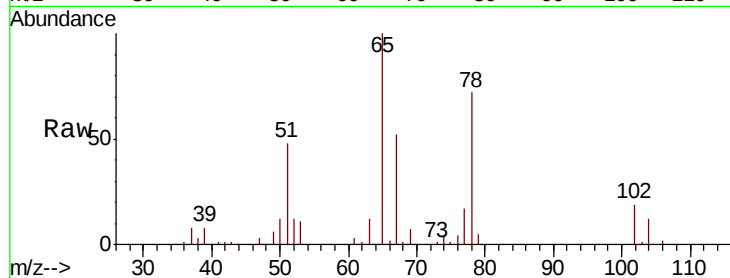




#33
 1,2-Dichloroethane-d4
 Concen: 49.989 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060182.D
 Acq: 21 Feb 2020 11:57

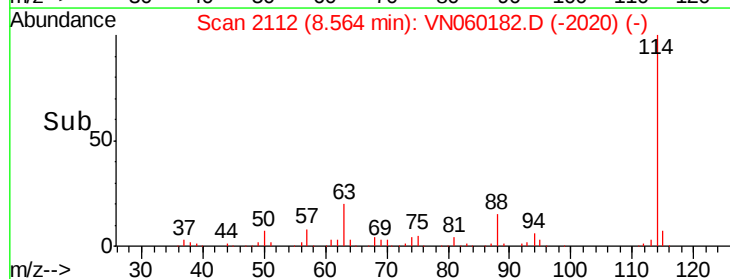
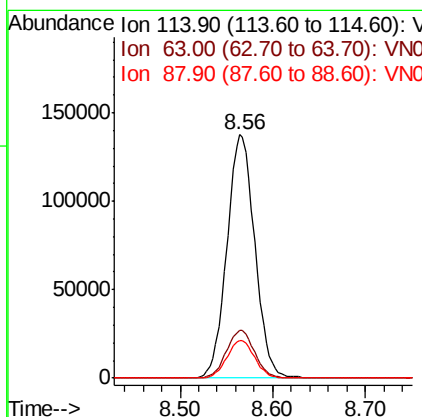
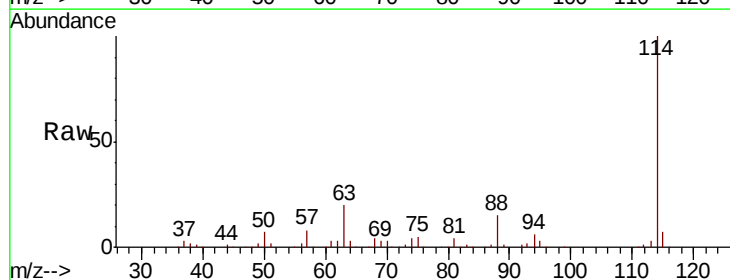
Instrument :
 MSVOA_N
 ClientSampleId :

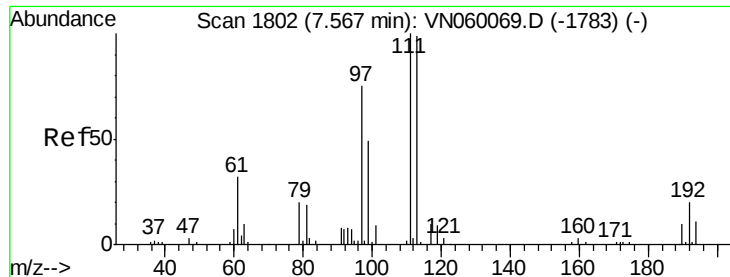
Tot Ion: 65 Resp: 109617
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060182.D
 Acq: 21 Feb 2020 11:57

Tgt Ion: 114 Resp: 286726
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 15.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.269 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060182.D

Acq: 21 Feb 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

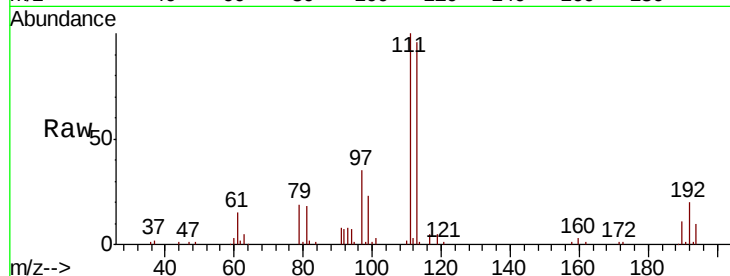
Tot Ion:113 Resp: 86837

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.2

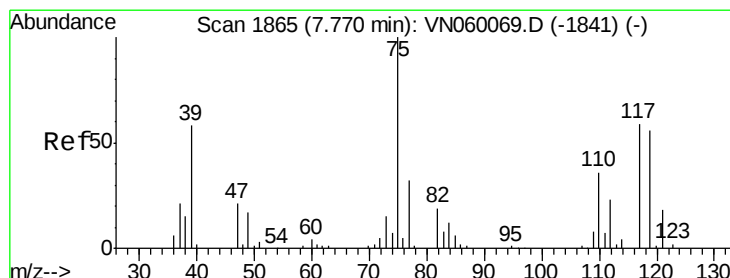
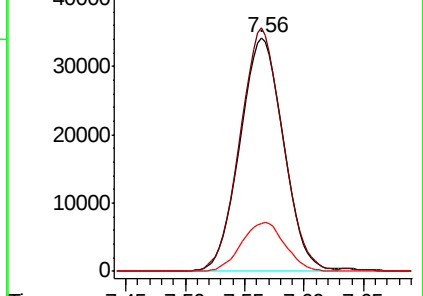
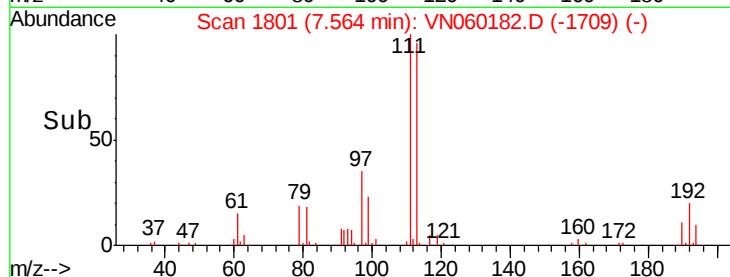
192 20.9 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.419 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VN060182.D

Acq: 21 Feb 2020 11:57

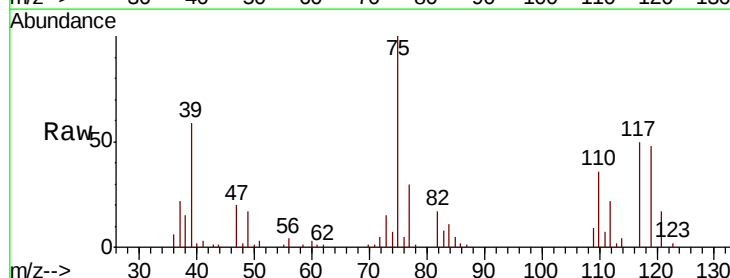
Tgt Ion: 75 Resp: 48917

Ion Ratio Lower Upper

75 100

110 35.5 18.1 54.3

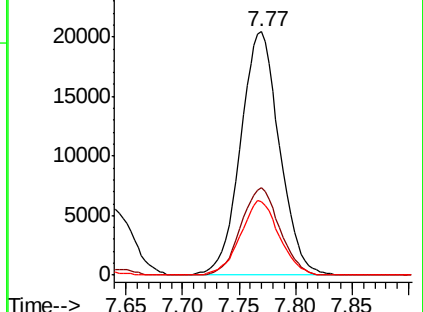
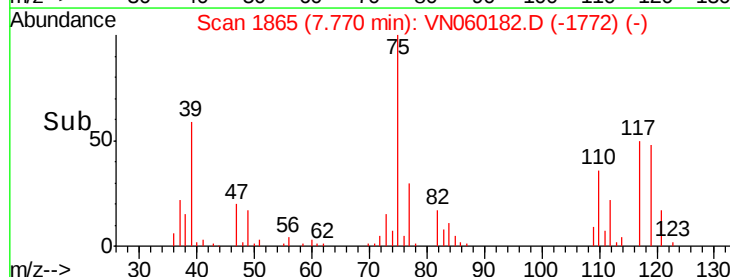
77 30.3 25.1 37.7

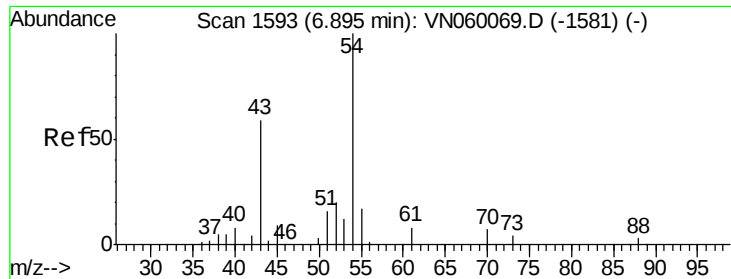


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

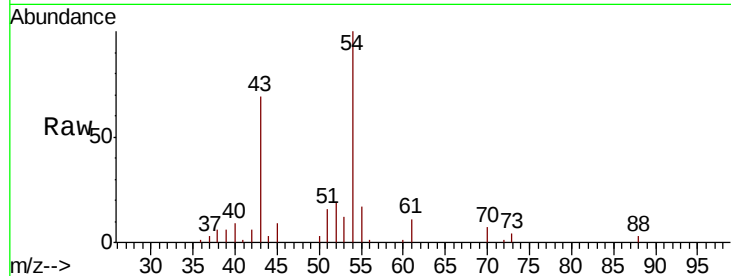




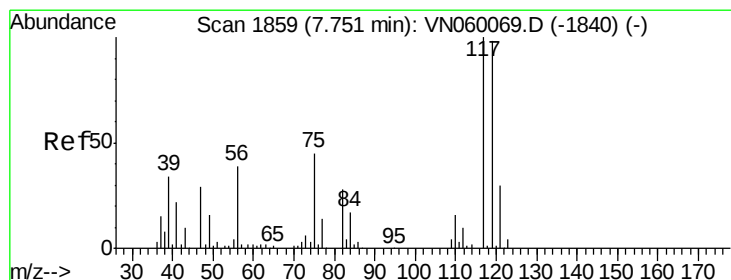
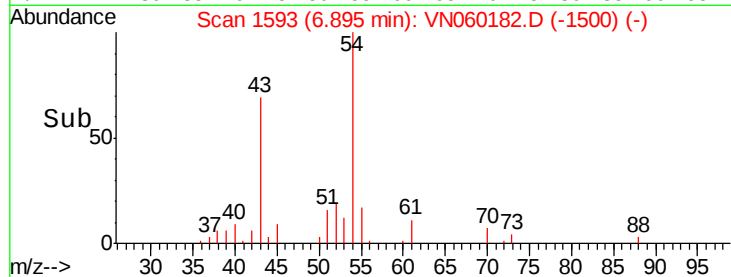
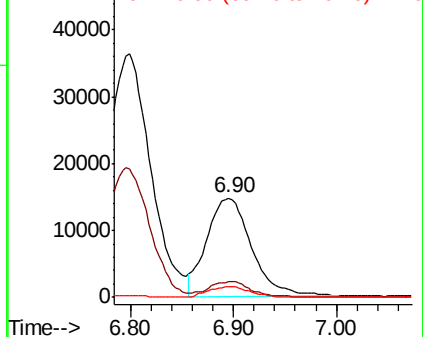
#37
Ethyl Acetate
Concen: 18.385 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. -0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 44128
Ion Ratio Lower Upper
43 100
61 15.1 11.4 17.2
70 10.0 8.7 13.1

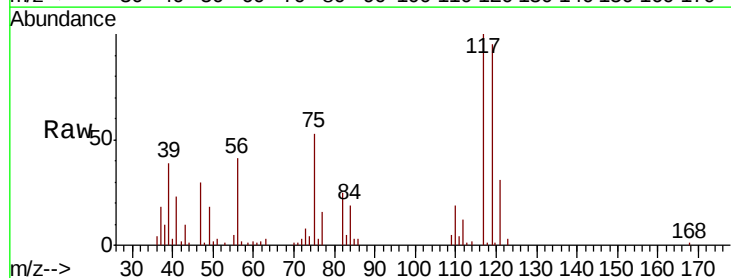


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

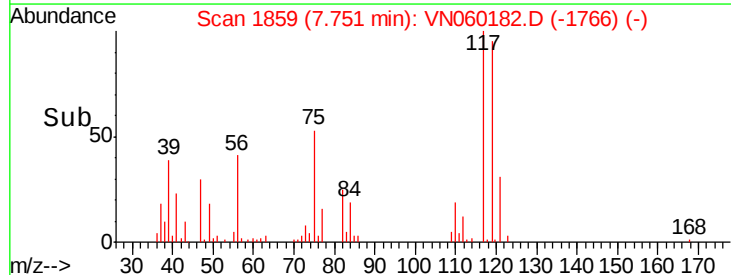
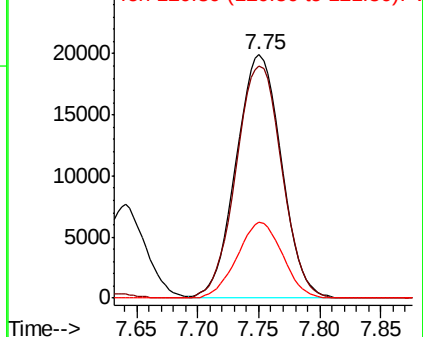


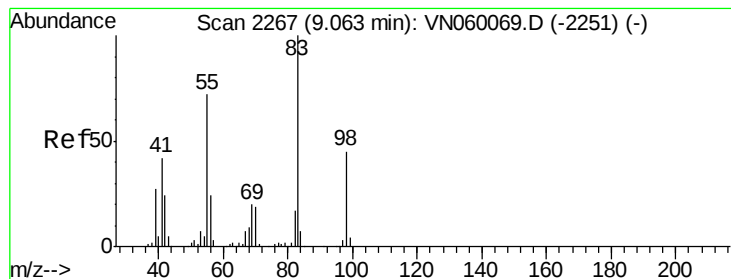
#38
Carbon Tetrachloride
Concen: 17.795 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

Tgt Ion: 117 Resp: 51327
Ion Ratio Lower Upper
117 100
119 95.3 78.2 117.4
121 31.3 24.2 36.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

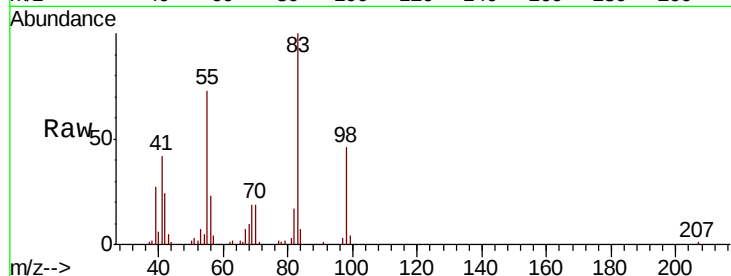




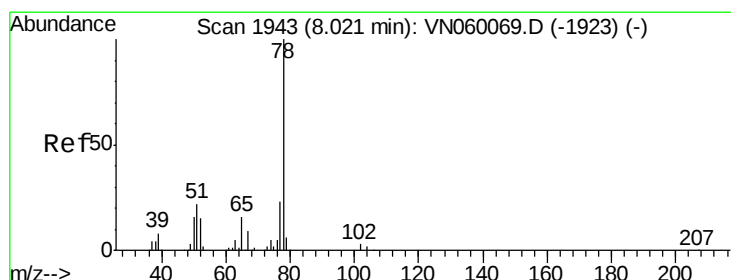
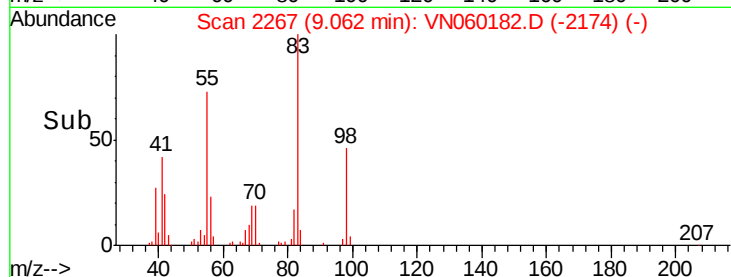
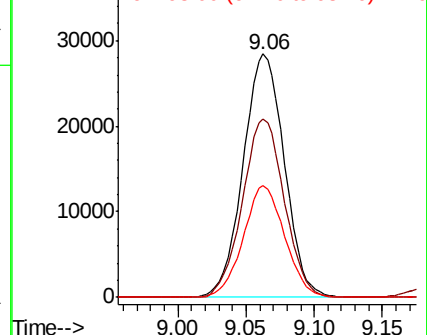
#39
Methvlcvclohexane
Concen: 18.055 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 59522
Ion Ratio Lower Upper
83 100
55 73.1 57.8 86.8
98 45.9 36.4 54.6

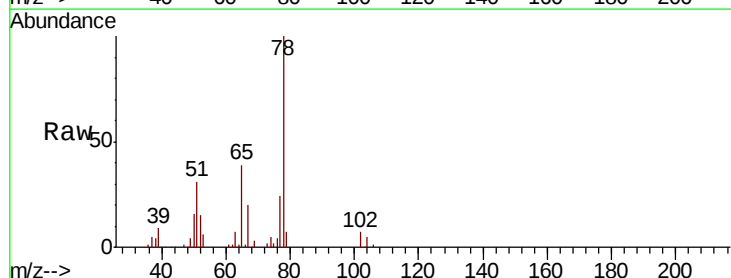


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

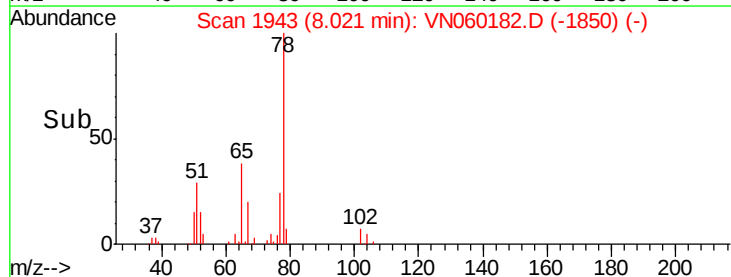
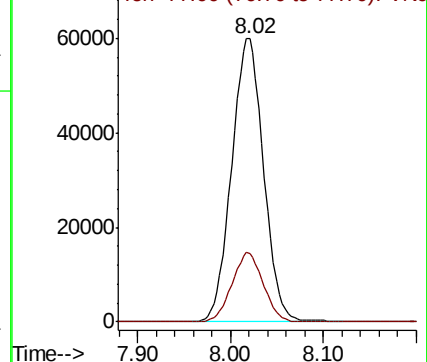


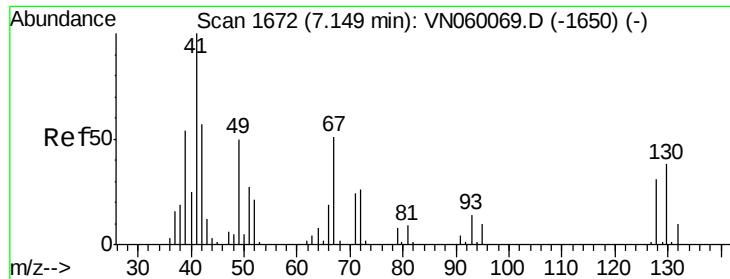
#40
Benzene
Concen: 18.133 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

Tgt Ion: 78 Resp: 142855
Ion Ratio Lower Upper
78 100
77 24.3 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

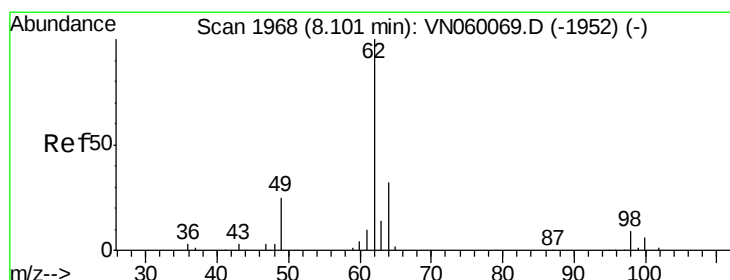
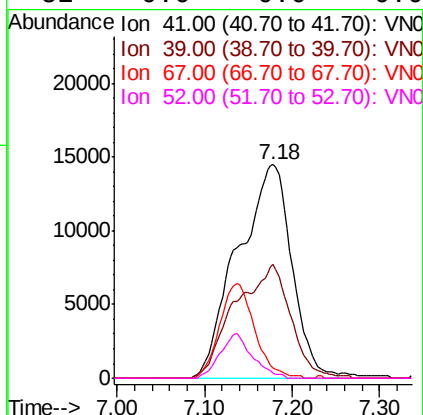
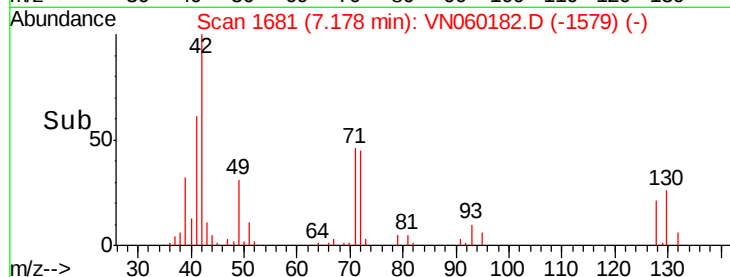
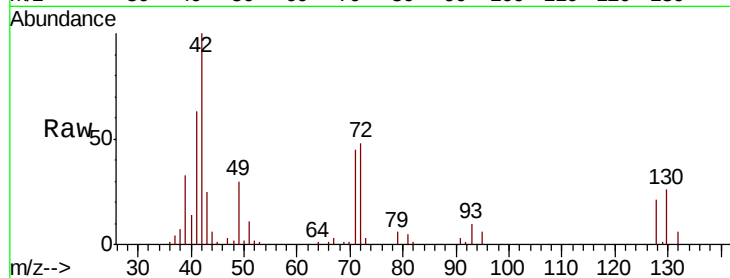




#41
Methacrylonitrile
Concen: 61.657 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

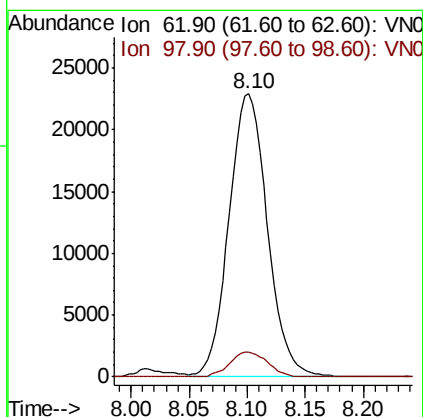
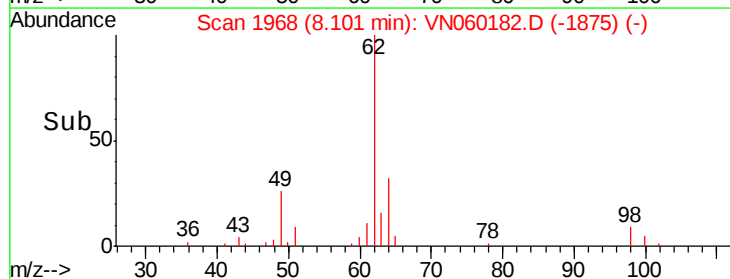
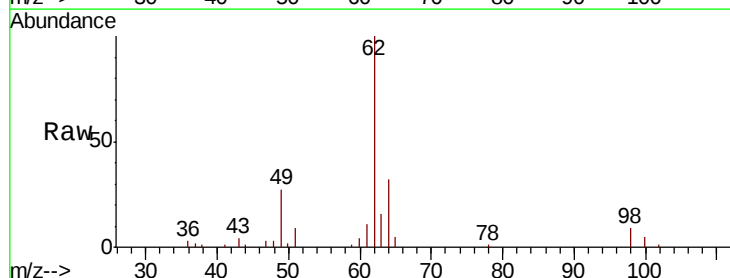
Instrument :
MSVOA_N
ClientSampleId :

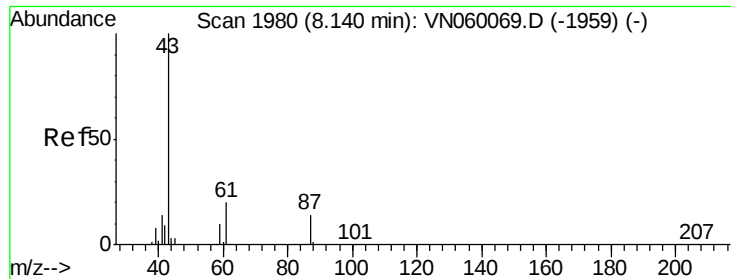
Tot Ion:	41	Resp:	62063
Ion	Ratio	Lower	Upper
41	100		
39	54.5	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 19.168 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

Tgt Ion:	62	Resp:	52925
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	18.2

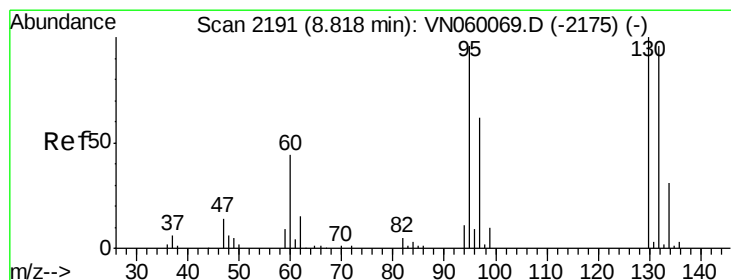
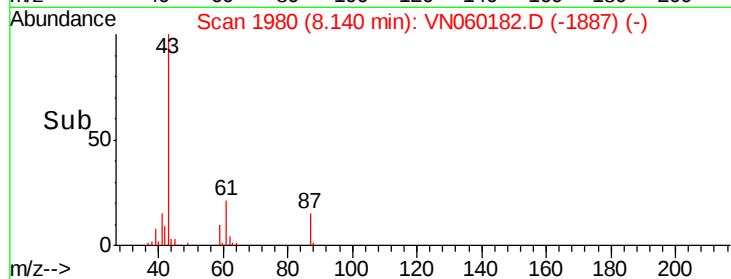
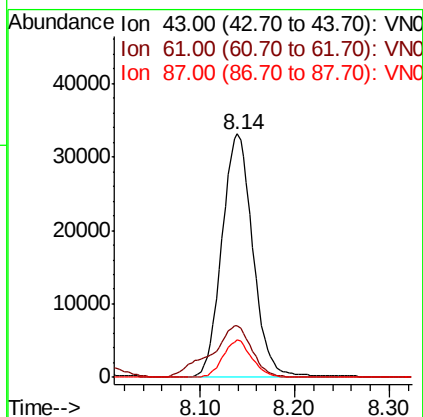
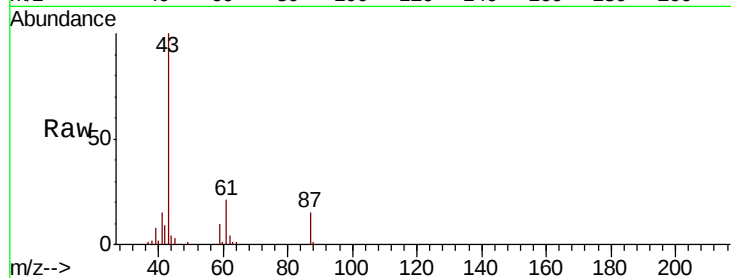




#43
Isopropyl Acetate
Concen: 18.380 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. -0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

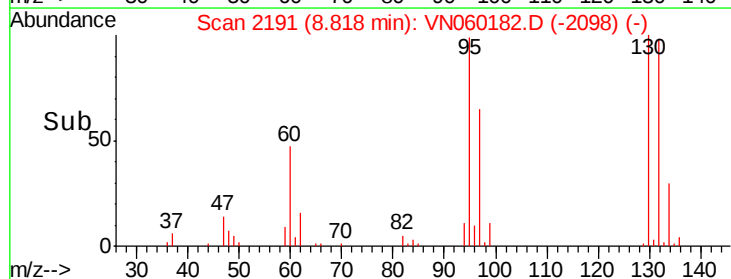
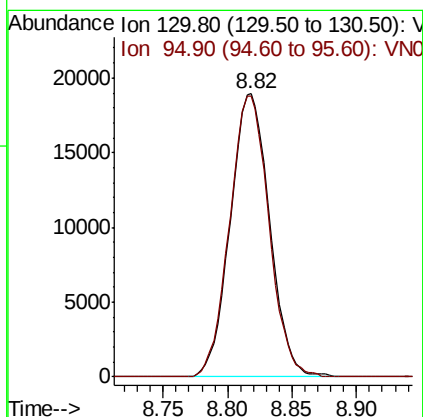
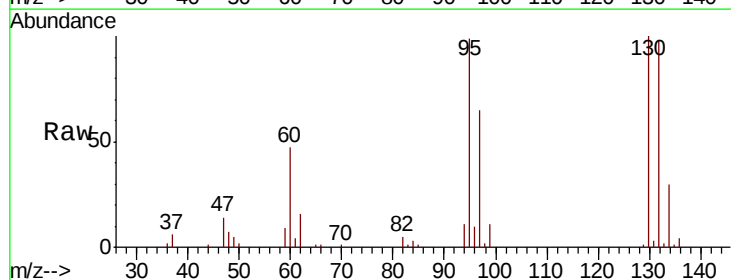
Instrument :
MSVOA_N
ClientSampleId :

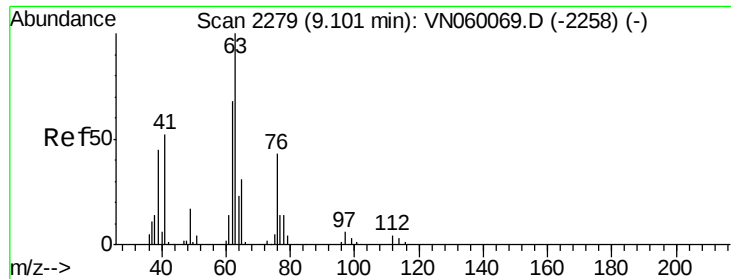
Tot Ion: 43 Resp: 75411
Ion Ratio Lower Upper
43 100
61 27.6 21.8 32.6
87 14.0 11.4 17.2



#44
Trichloroethene
Concen: 18.385 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. -0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

Tgt Ion:130 Resp: 40105
Ion Ratio Lower Upper
130 100
95 99.3 0.0 192.4

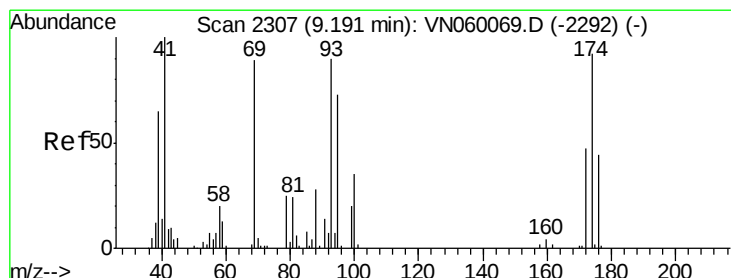
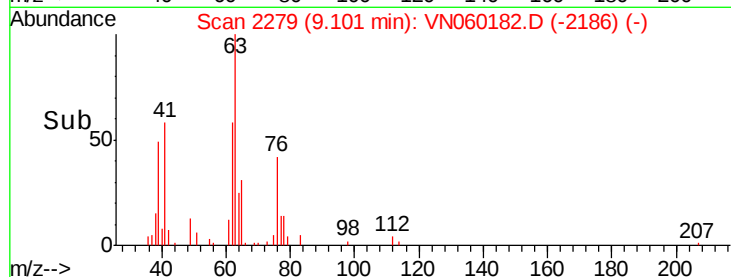
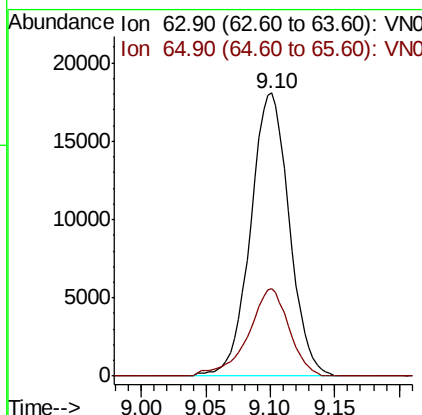
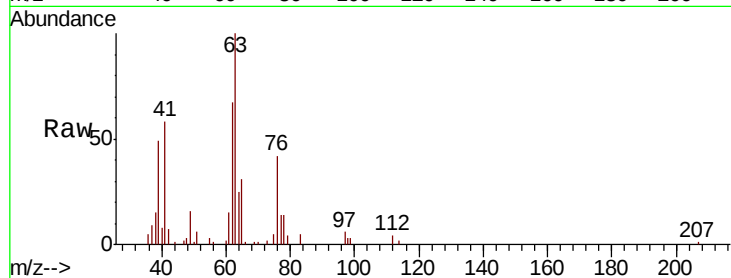




#45
 1,2-Dichloropropane
 Concen: 19.407 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN060182.D
 Acq: 21 Feb 2020 11:57

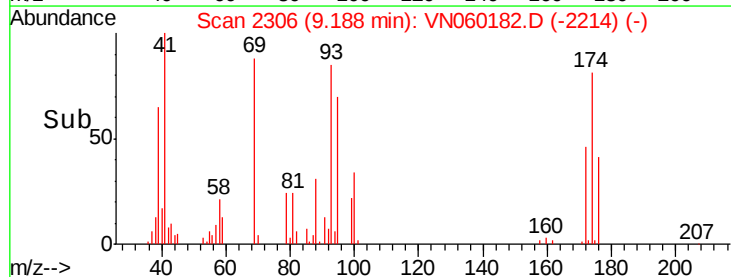
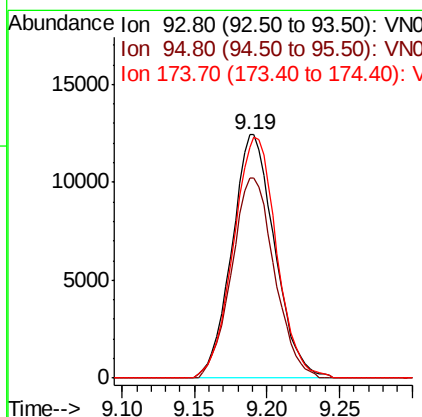
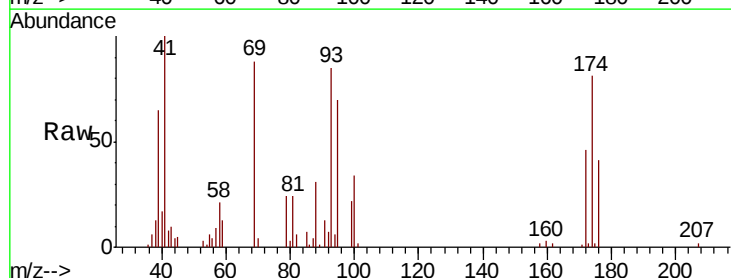
Instrument :
 MSVOA_N
 ClientSampled :

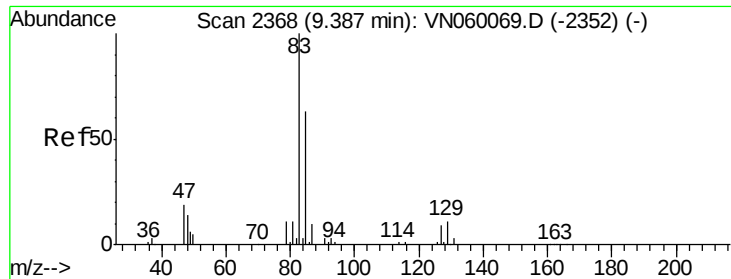
Tot Ion: 63 Resp: 37851
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.0 37.4



#46
 Dibromomethane
 Concen: 18.528 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN060182.D
 Acq: 21 Feb 2020 11:57

Tgt Ion: 93 Resp: 25537
 Ion Ratio Lower Upper
 93 100
 95 82.0 65.0 97.6
 174 99.9 82.3 123.5





#47

Bromodichloromethane

Concen: 18.469 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060182.D

Acq: 21 Feb 2020 11:57

Instrument :

MSVOA_N

ClientSampled :

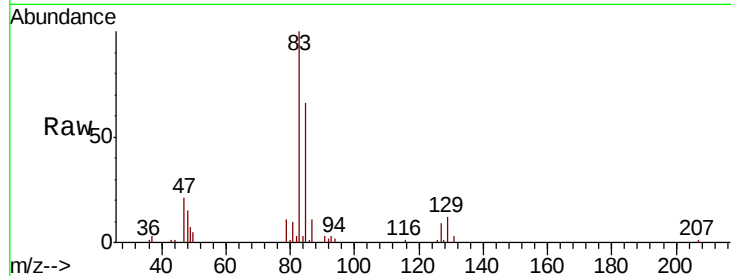
Tot Ion: 83 Resp: 51754

Ion Ratio Lower Upper

83 100

85 66.0 50.6 75.8

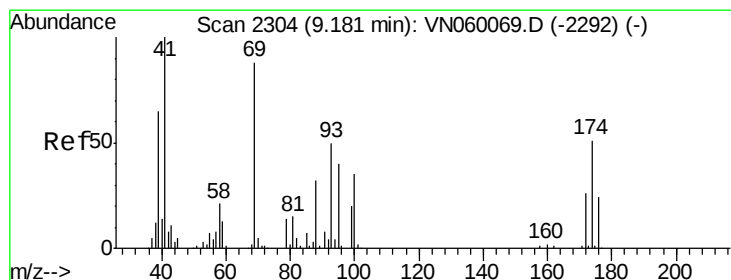
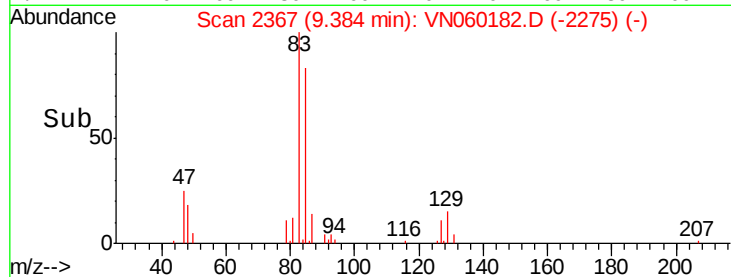
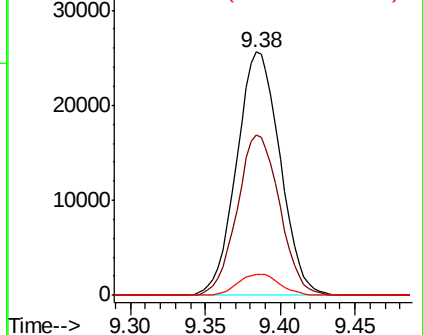
127 8.6 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VN060069.D (-2352) (-)

Ion 84.90 (84.60 to 85.60): VN060069.D (-2352) (-)

Ion 126.80 (126.50 to 127.50): VN060069.D (-2352) (-)



#48

Methyl methacrylate

Concen: 17.131 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VN060182.D

Acq: 21 Feb 2020 11:57

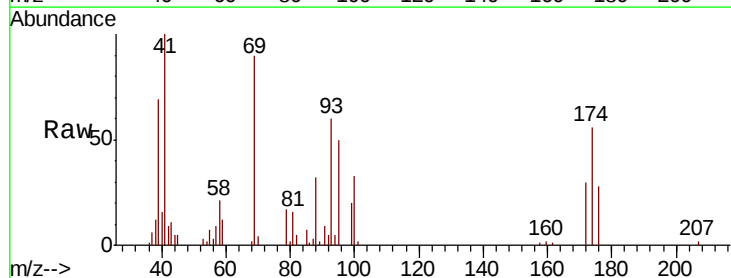
Tgt Ion: 41 Resp: 31535

Ion Ratio Lower Upper

41 100

69 92.3 72.0 108.0

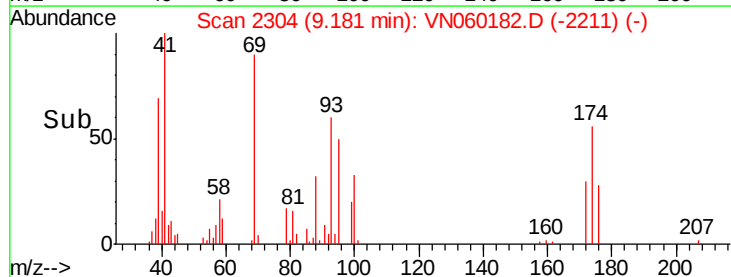
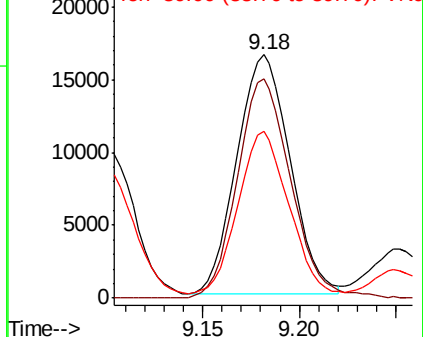
39 65.0 54.1 81.1

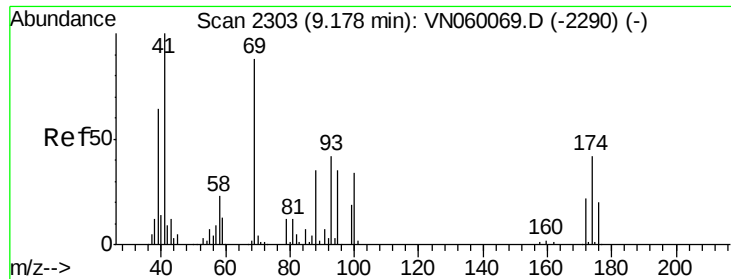


Abundance Ion 41.00 (40.70 to 41.70): VN060069.D (-2292) (-)

Ion 69.00 (68.70 to 69.70): VN060069.D (-2292) (-)

Ion 39.00 (38.70 to 39.70): VN060069.D (-2292) (-)

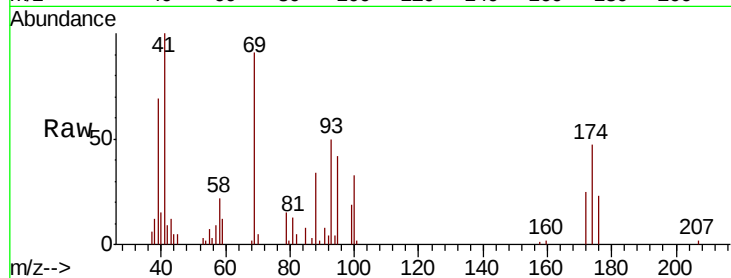




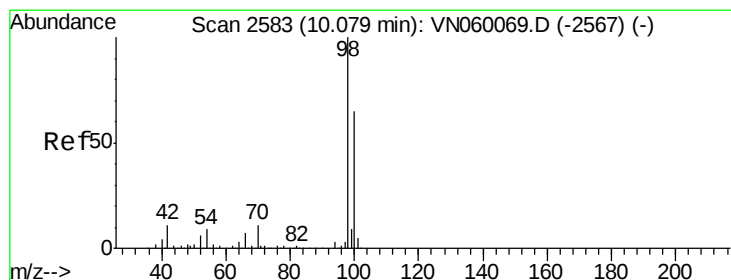
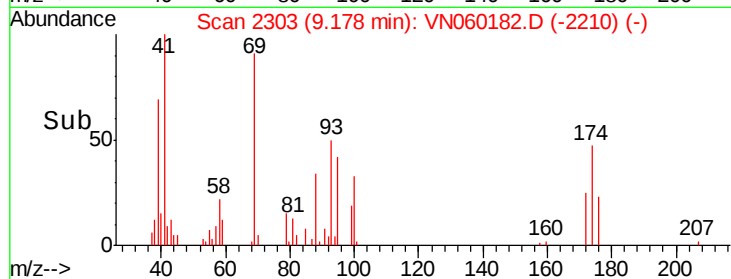
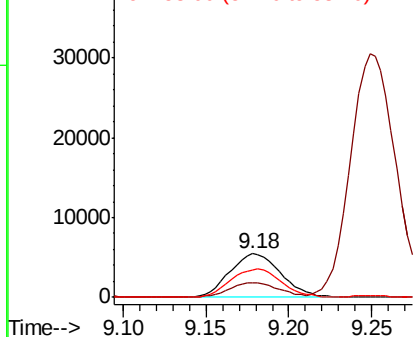
#49
1,4-Dioxane
Concen: 373.384 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 11744
Ion Ratio Lower Upper
88 100
43 33.2 26.2 39.2
58 64.1 53.2 79.8

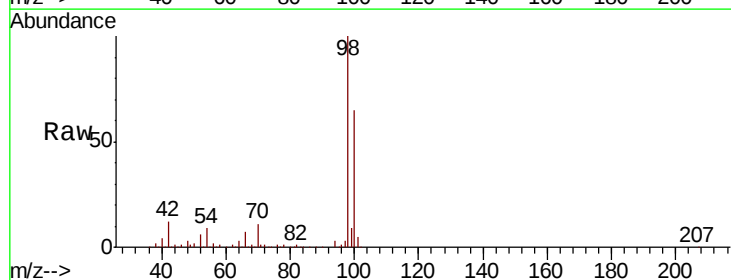


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

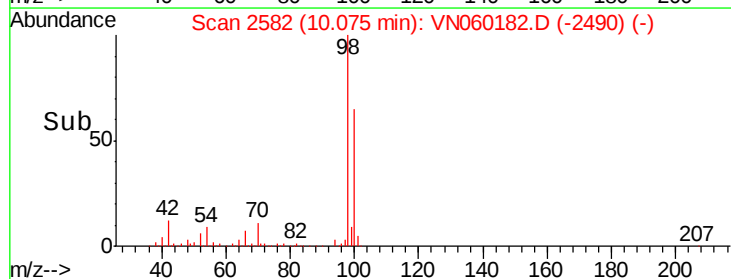
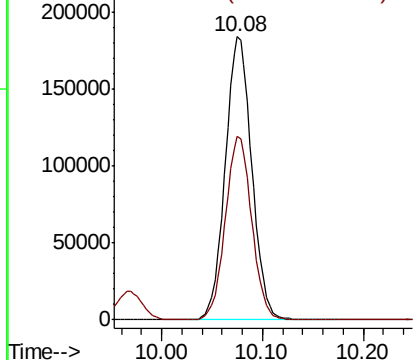


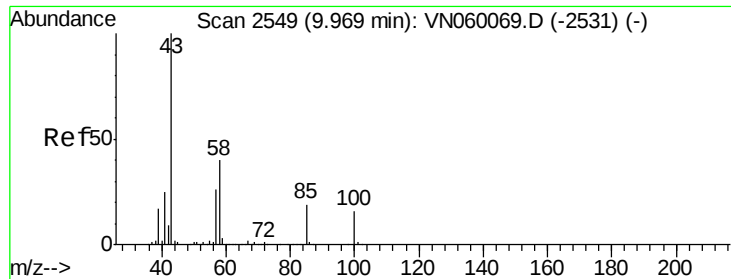
#50
Toluene-d8
Concen: 48.712 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

Tgt Ion: 98 Resp: 338092
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 90.856 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060182.D

Acq: 21 Feb 2020 11:57

Instrument :

MSVOA_N

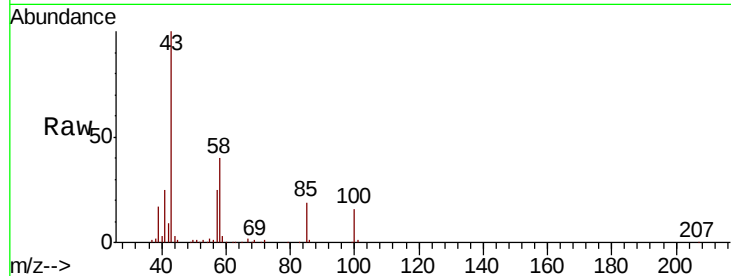
ClientSampled :

Tot Ion: 43 Resp: 215770

Ion Ratio Lower Upper

43 100

58 39.4 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-2531) (-)

Ion 58.00 (57.70 to 58.70): VN060069.D (-2531) (-)

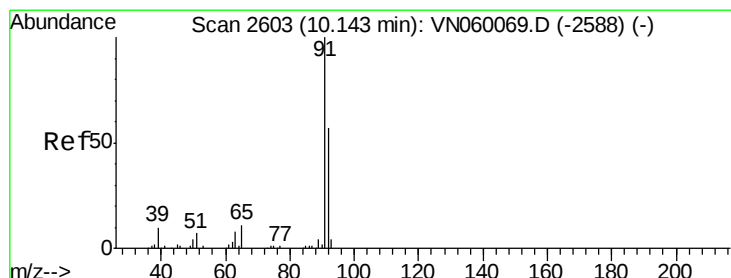
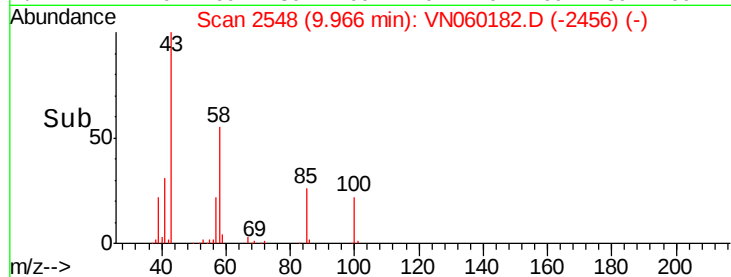
9.97

100000

50000

0

Time-->



#52

Toluene

Concen: 18.178 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060182.D

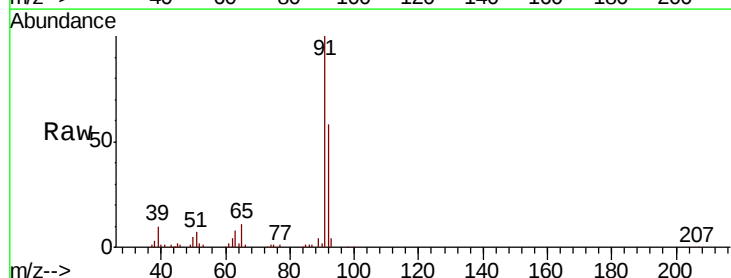
Acq: 21 Feb 2020 11:57

Tgt Ion: 92 Resp: 91835

Ion Ratio Lower Upper

92 100

91 173.9 140.9 211.3



Abundance Ion 92.00 (91.70 to 92.70): VN060069.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN060069.D (-2588) (-)

10.14

100000

80000

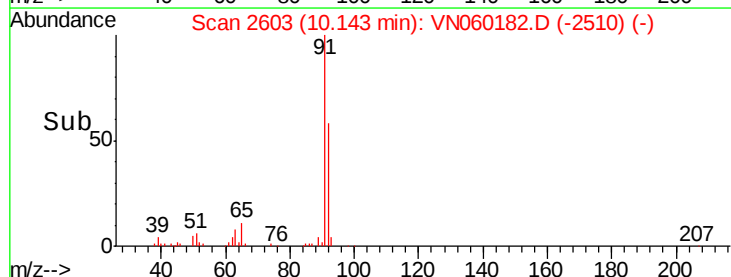
60000

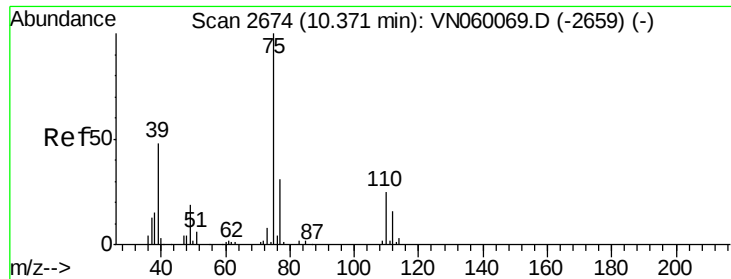
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.369 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060182.D

Acq: 21 Feb 2020 11:57

Instrument :

MSVOA_N

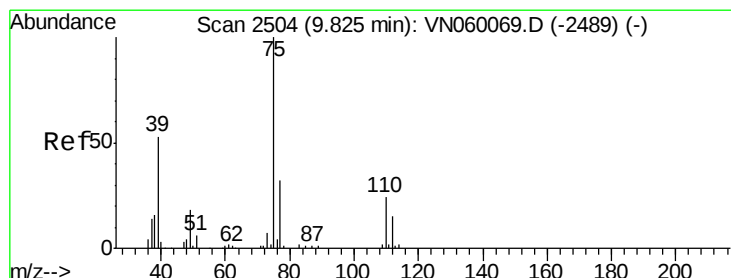
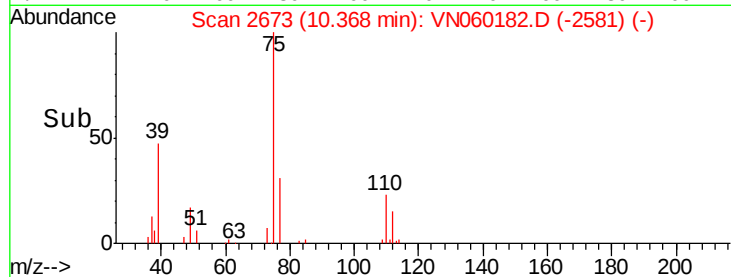
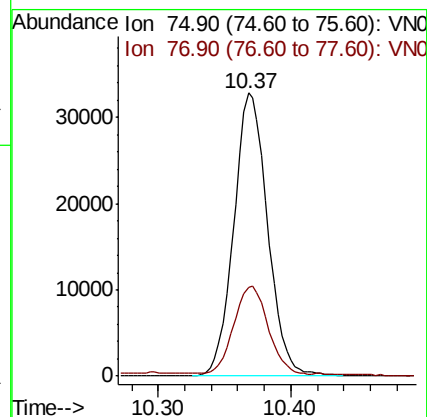
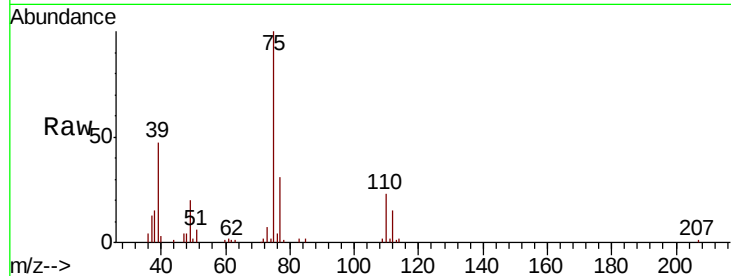
ClientSampled :

Tot Ion: 75 Resp: 58101

Ion Ratio Lower Upper

75 100

77 30.6 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 18.677 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060182.D

Acq: 21 Feb 2020 11:57

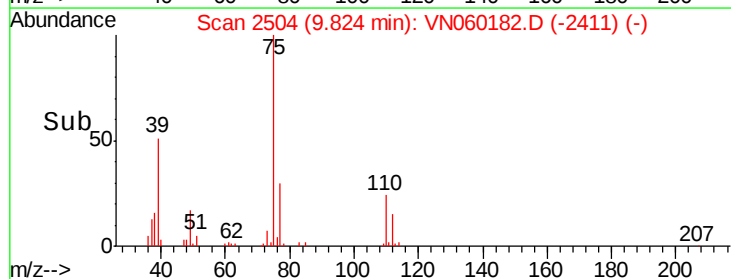
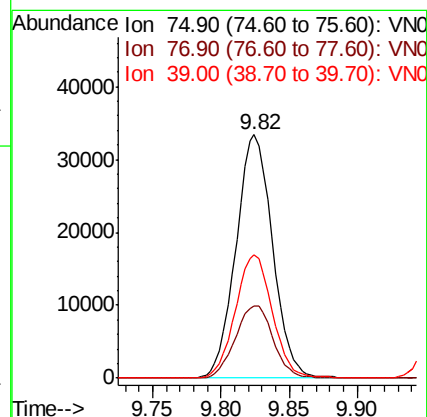
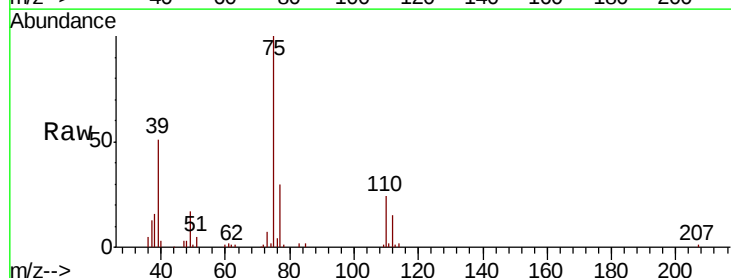
Tgt Ion: 75 Resp: 62207

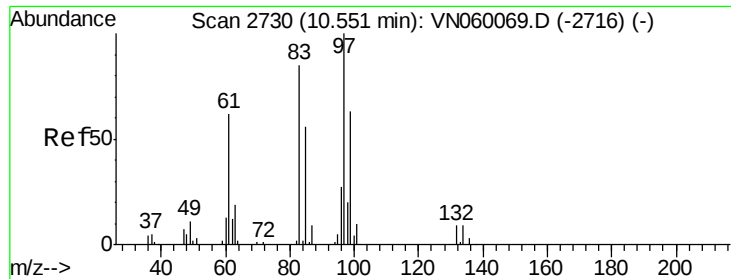
Ion Ratio Lower Upper

75 100

77 29.9 25.6 38.4

39 50.8 42.2 63.4

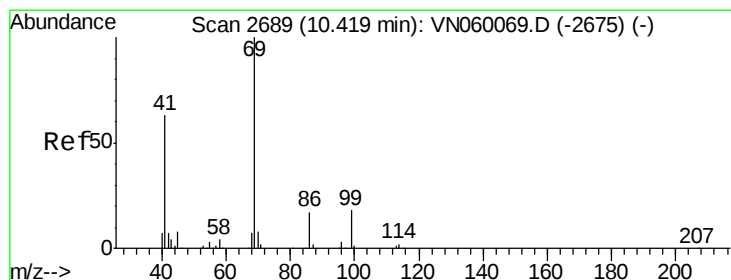
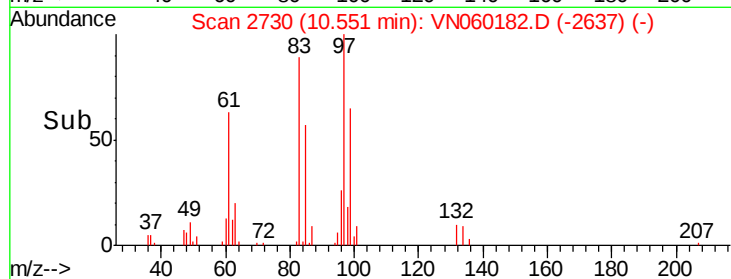
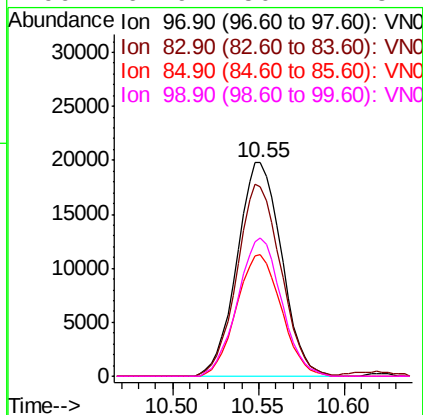
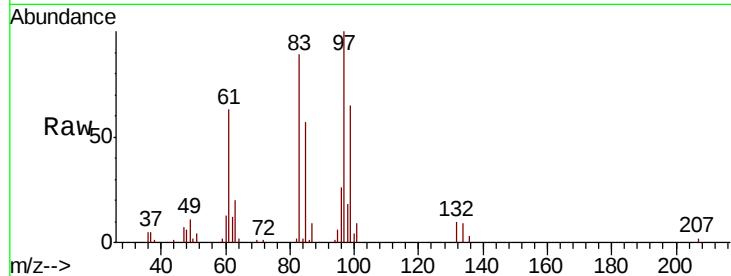




#55
 1,1,2-Trichloroethane
 Concen: 18.083 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN060182.D
 Acq: 21 Feb 2020 11:57

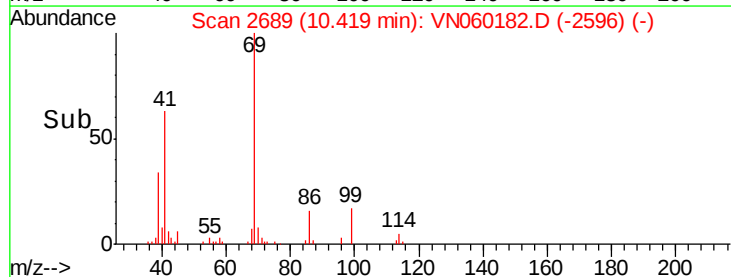
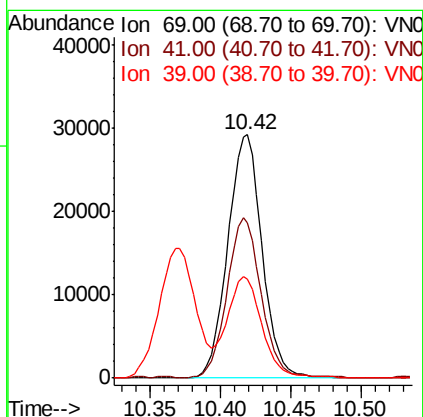
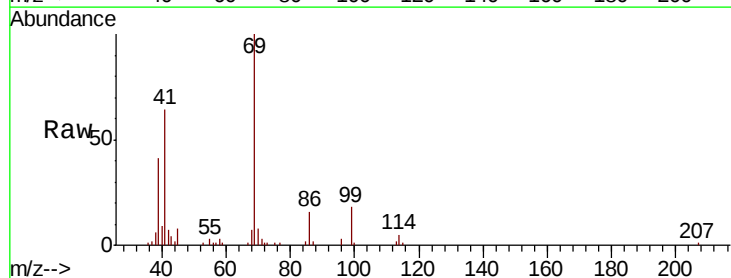
Instrument :
 MSVOA_N
 ClientSampled :

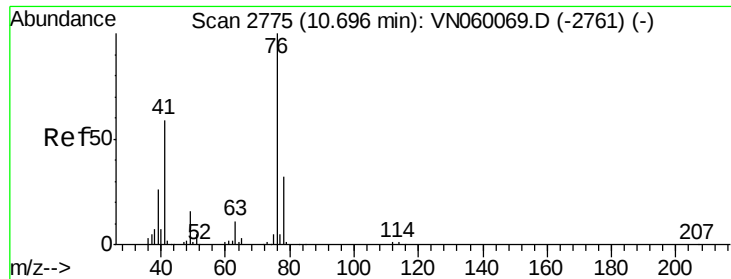
Tot Ion:	97	Resp:	35640
Ion	Ratio	Lower	Upper
97	100		
83	88.8	67.9	101.9
85	56.7	44.6	67.0
99	64.9	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 17.859 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. -0.00 min
 Lab File: VN060182.D
 Acq: 21 Feb 2020 11:57

Tgt Ion:	69	Resp:	49792
Ion	Ratio	Lower	Upper
69	100		
41	66.1	51.1	76.7
39	43.1	33.8	50.8





#57

1,3-Dichloropropane

Concen: 18.333 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060182.D

Acq: 21 Feb 2020 11:57

Instrument :

MSVOA_N

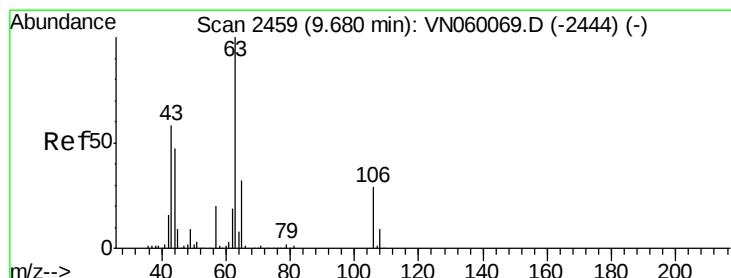
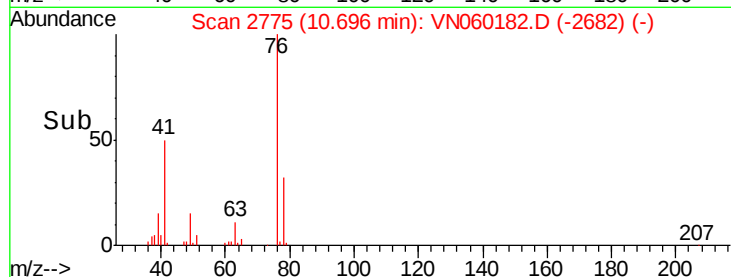
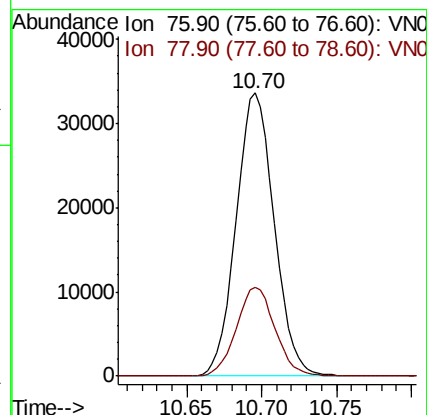
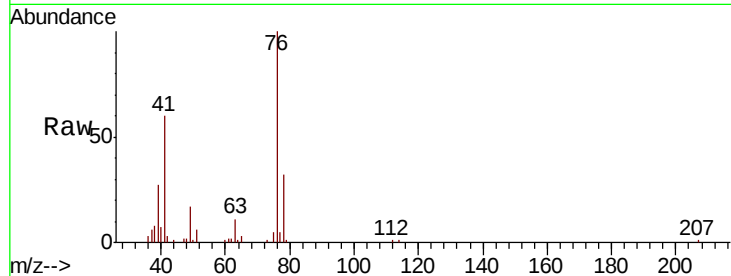
ClientSampleId :

Tot Ion: 76 Resp: 59621

Ion Ratio Lower Upper

76 100

78 31.8 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 94.884 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN060182.D

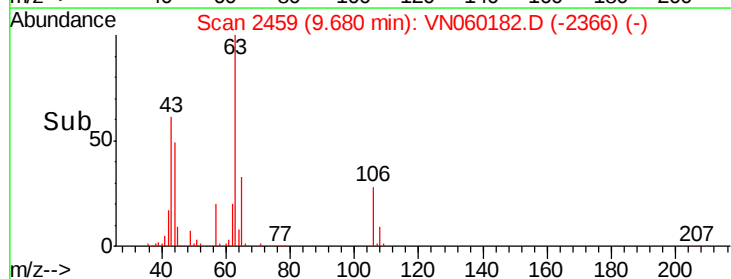
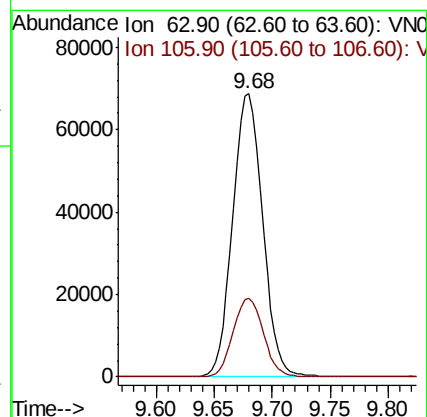
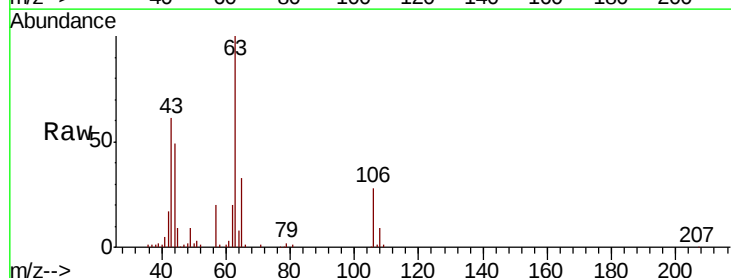
Acq: 21 Feb 2020 11:57

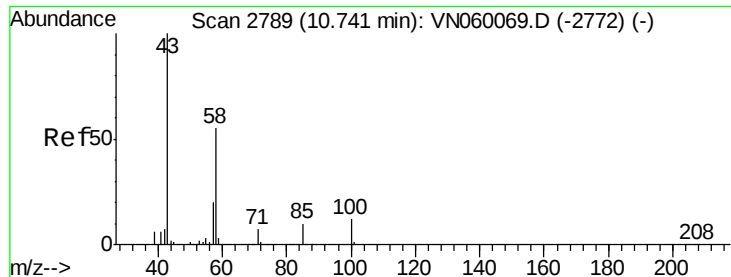
Tgt Ion: 63 Resp: 123242

Ion Ratio Lower Upper

63 100

106 28.0 22.9 34.3

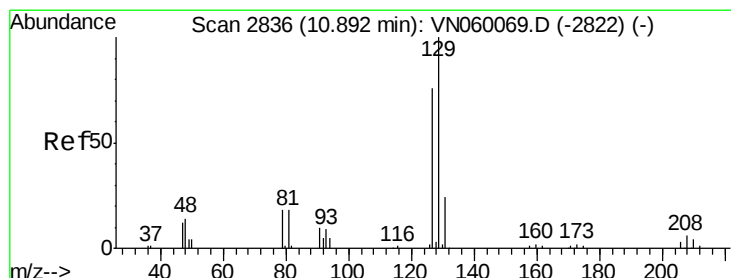
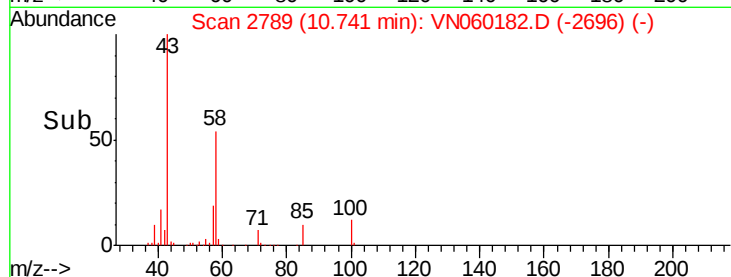
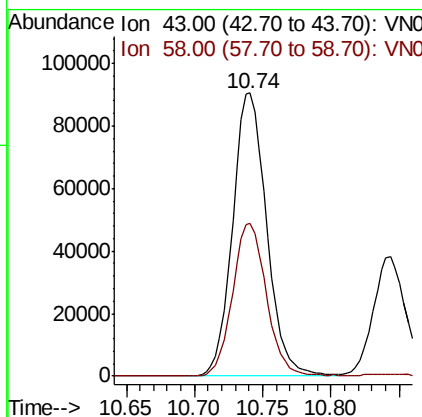
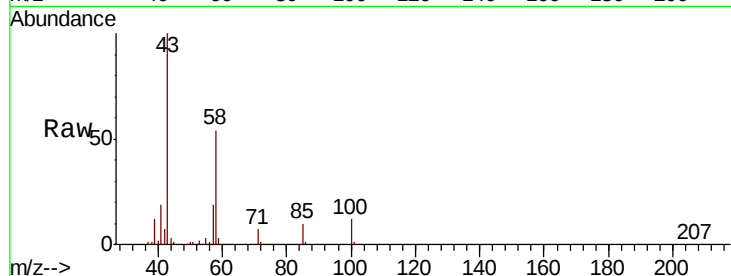




#59
2-Hexanone
Concen: 85.516 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

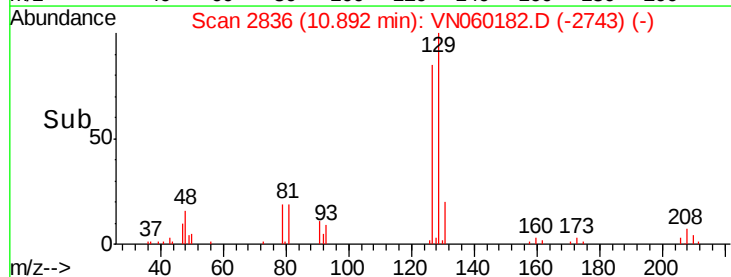
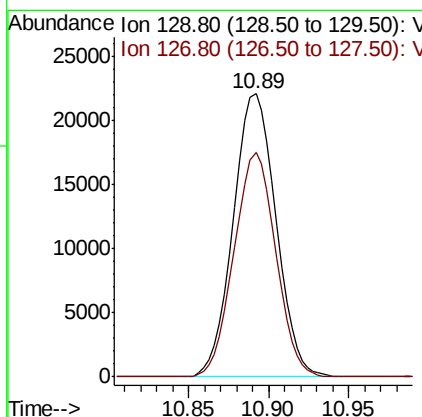
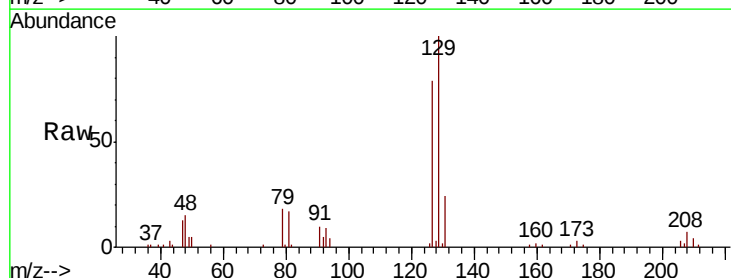
Instrument :
MSVOA_N
ClientSampled :

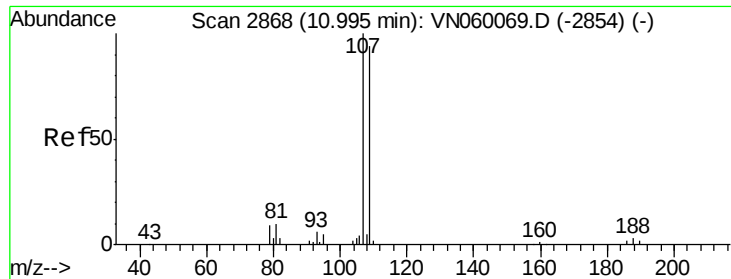
Tot Ion: 43 Resp: 156881
Ion Ratio Lower Upper
43 100
58 53.7 27.5 82.4



#60
Dibromochloromethane
Concen: 17.824 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

Tgt Ion: 129 Resp: 40312
Ion Ratio Lower Upper
129 100
127 77.2 38.0 114.1

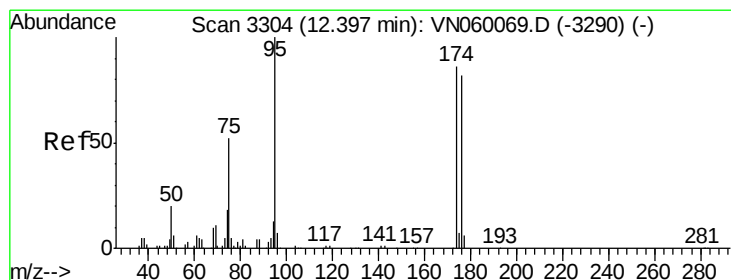
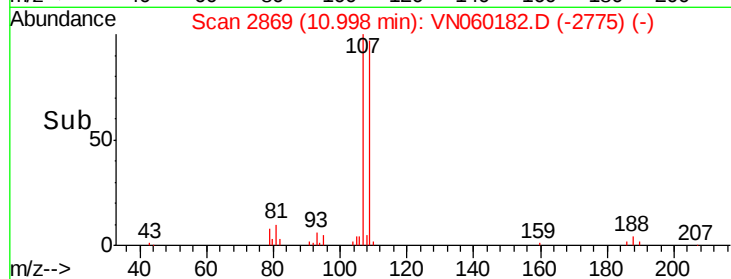
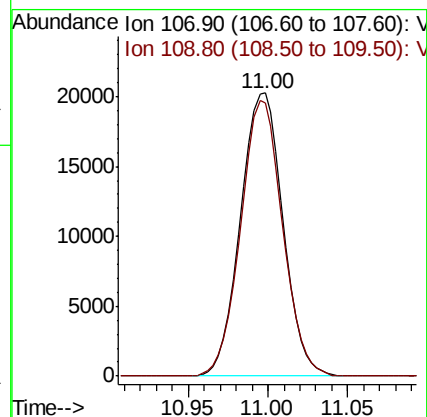
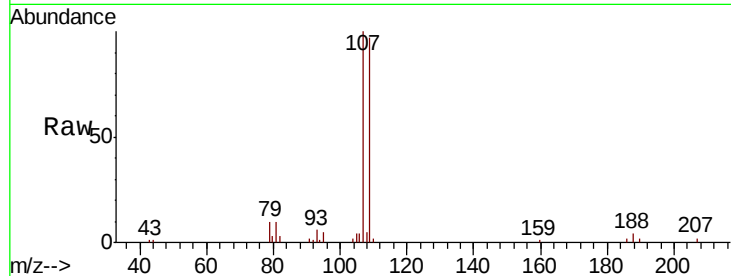




#61
 1,2-Dibromoethane
 Concen: 17.756 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN060182.D
 Acq: 21 Feb 2020 11:57

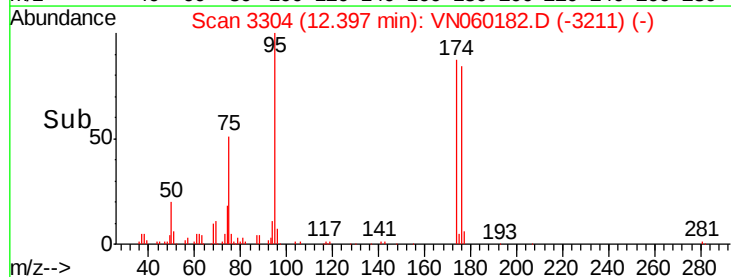
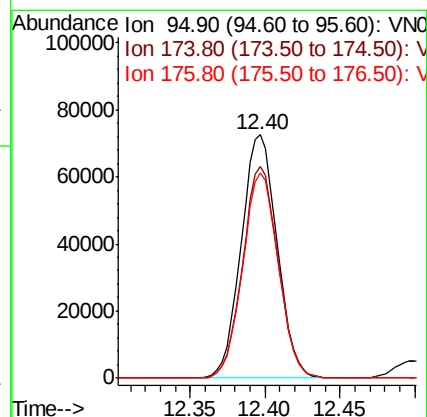
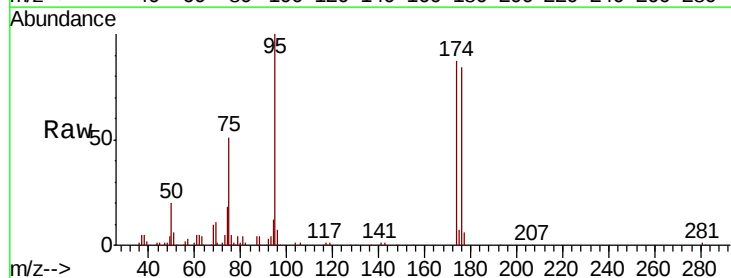
Instrument :
 MSVOA_N
 ClientSampleId :

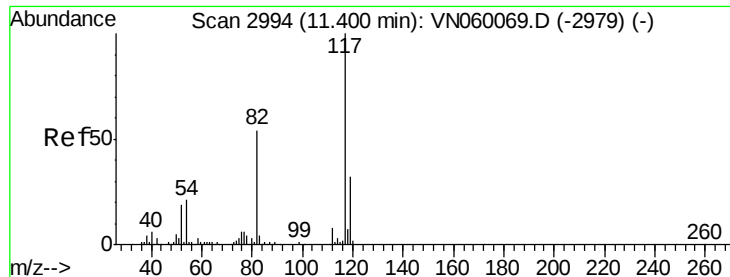
Tot Ion:107 Resp: 36685
 Ion Ratio Lower Upper
 107 100
 109 95.9 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 47.568 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060182.D
 Acq: 21 Feb 2020 11:57

Tgt Ion: 95 Resp: 121315
 Ion Ratio Lower Upper
 95 100
 174 85.9 0.0 169.8
 176 83.5 0.0 164.8

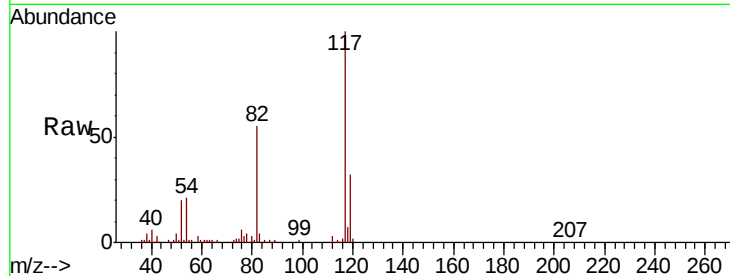




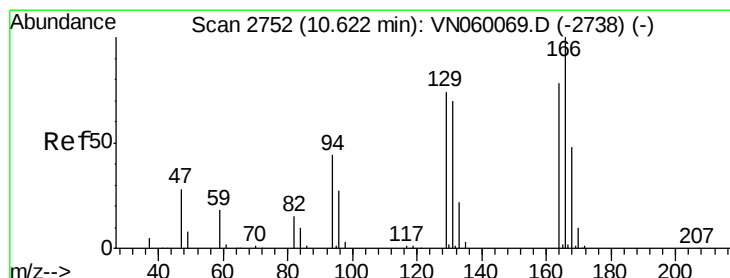
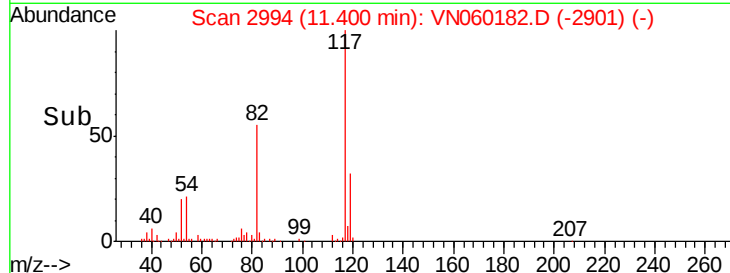
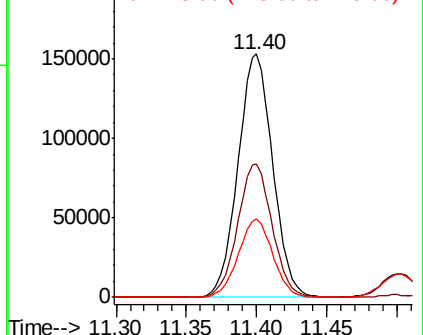
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 264431
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 32.2 25.8 38.6

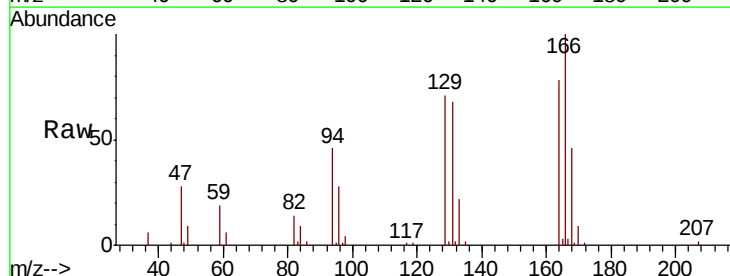


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

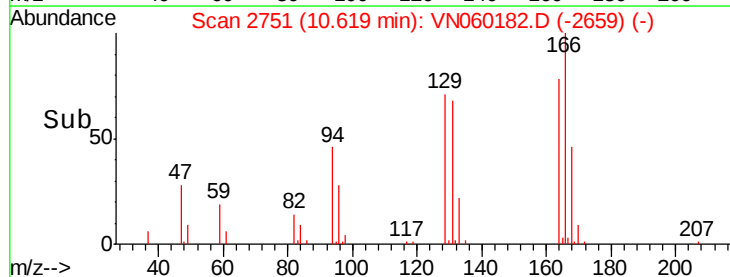
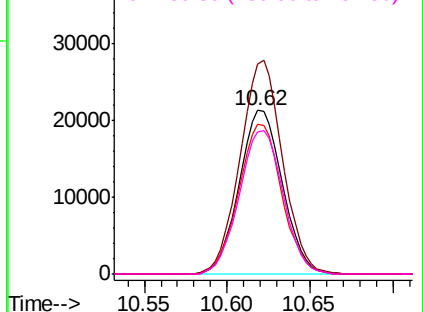


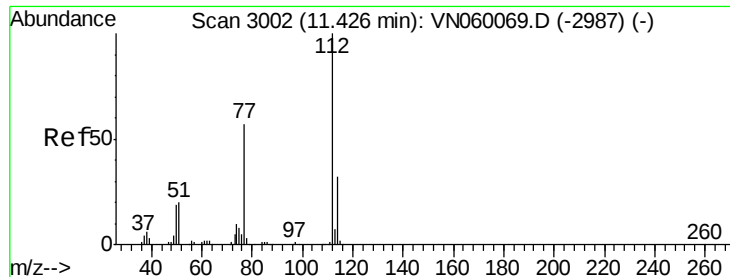
#64
Tetrachloroethene
Concen: 19.243 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

Tgt Ion:164 Resp: 38682
Ion Ratio Lower Upper
164 100
166 128.3 101.9 152.9
129 91.4 75.4 113.0
131 86.9 71.4 107.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

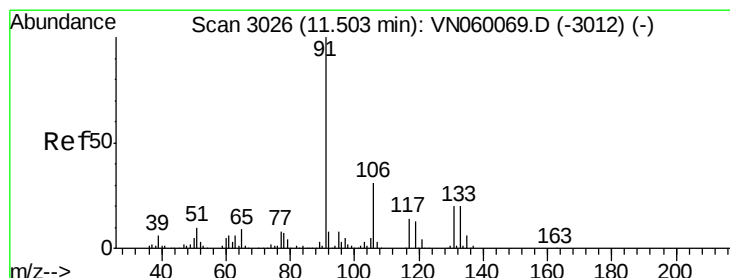
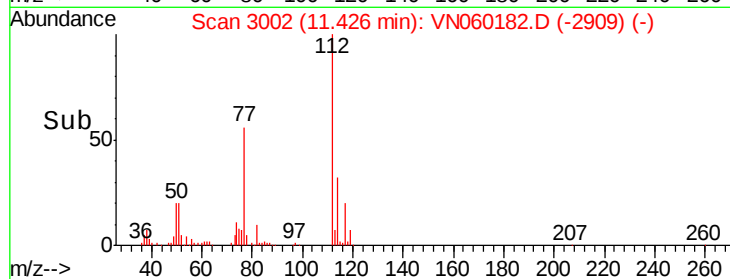
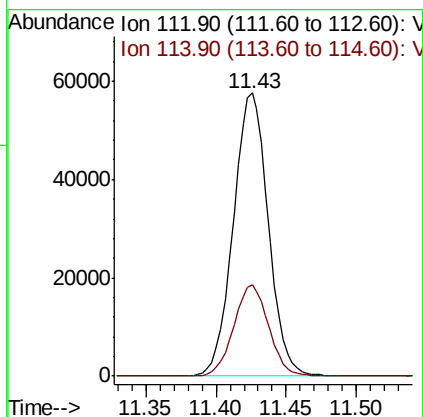
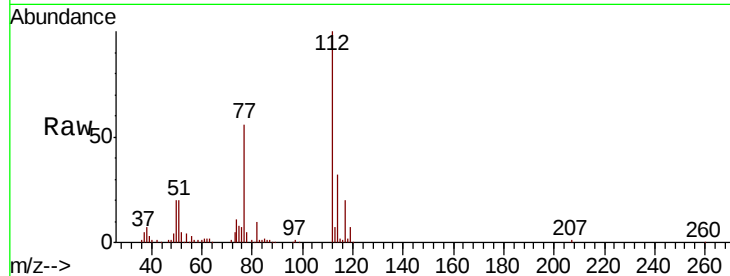




#65
Chlorobenzene
Concen: 18.515 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

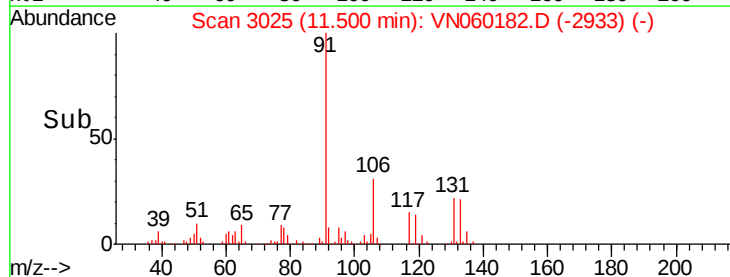
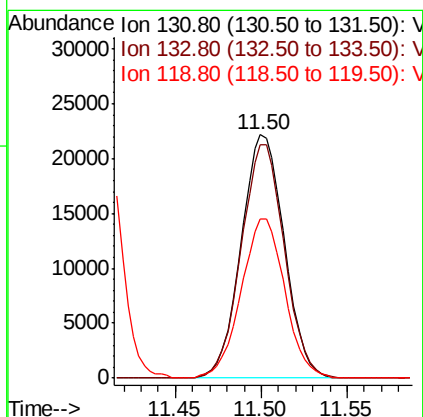
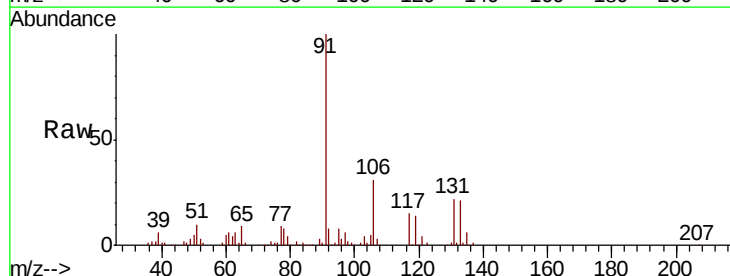
Instrument :
MSVOA_N
ClientSampleId :

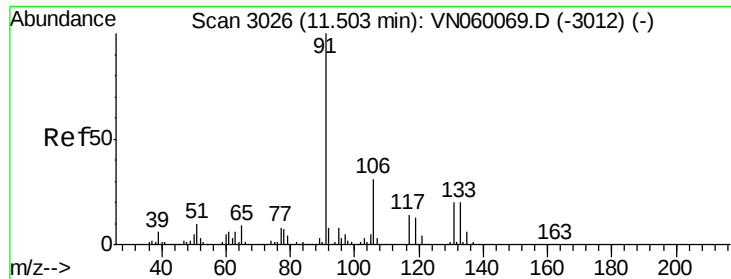
Tot Ion:112 Resp: 99747
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.994 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

Tgt Ion:131 Resp: 38710
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.7
119 66.1 32.6 97.7

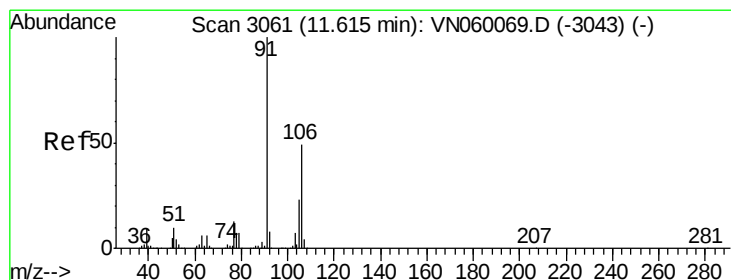
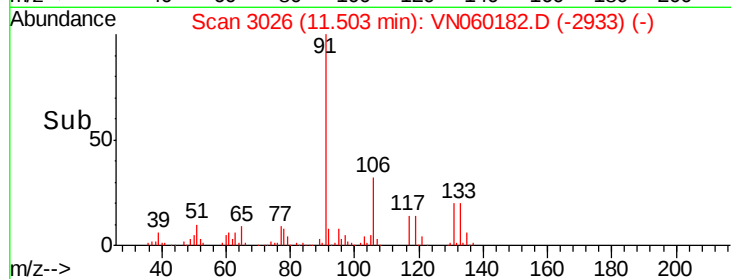
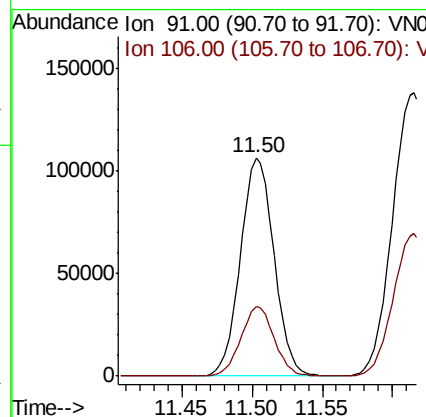
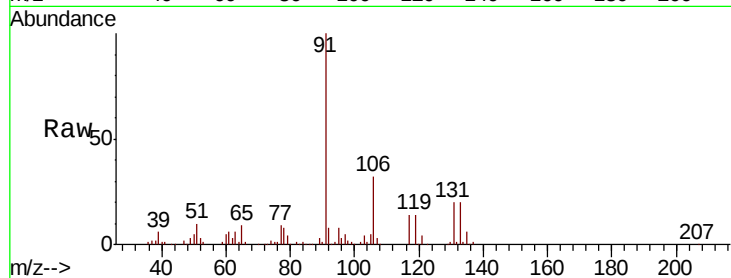




#67
Ethyl Benzene
Concen: 18.372 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

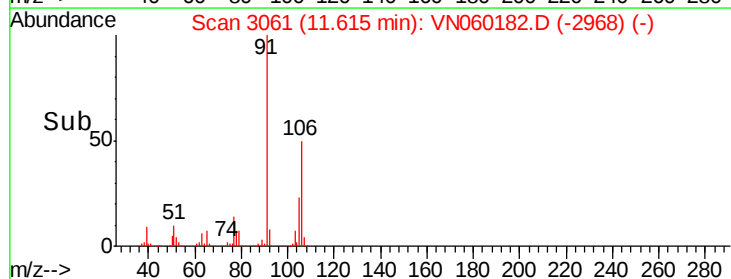
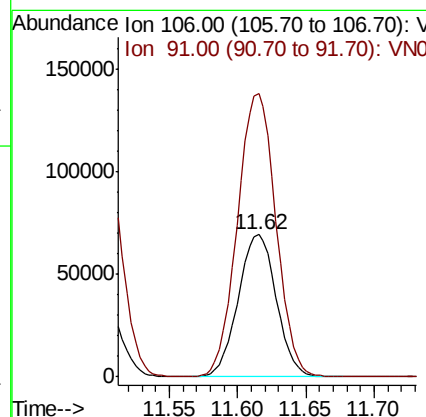
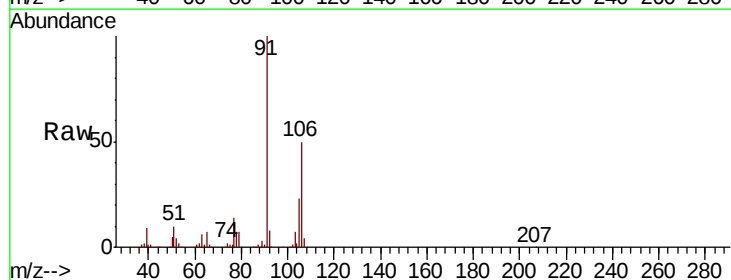
Instrument :
MSVOA_N
ClientSampled :

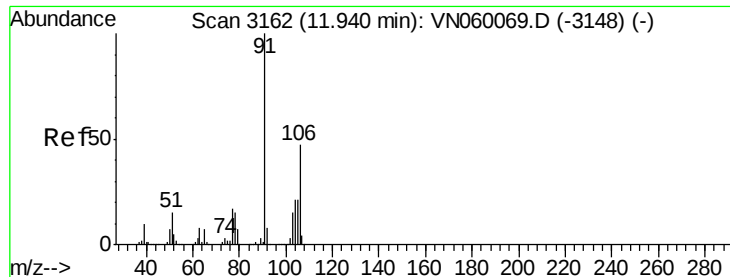
Tot Ion: 91 Resp: 178517
Ion Ratio Lower Upper
91 100
106 32.1 25.1 37.7



#68
m/p-Xylenes
Concen: 36.795 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

Tgt Ion: 106 Resp: 134182
Ion Ratio Lower Upper
106 100
91 202.2 162.7 244.1

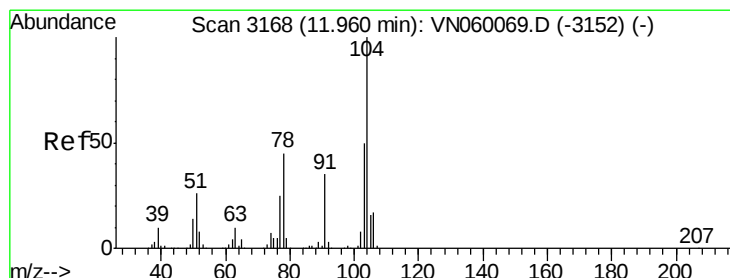
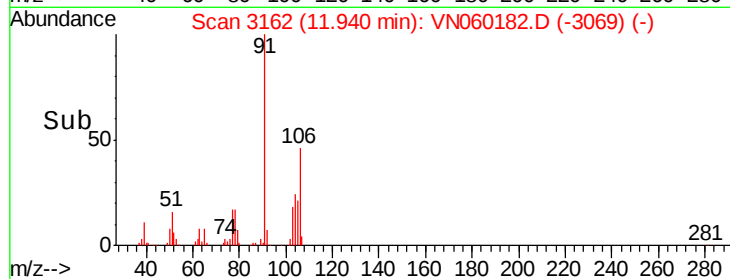
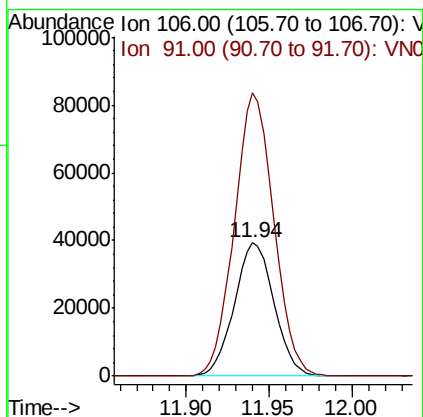
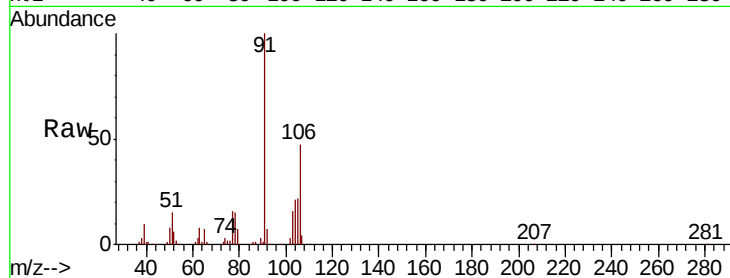




#69
o-Xylene
Concen: 18.652 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

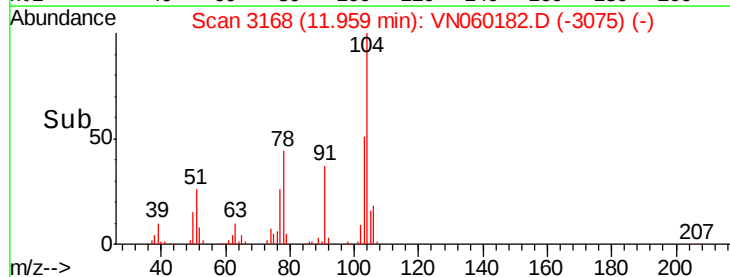
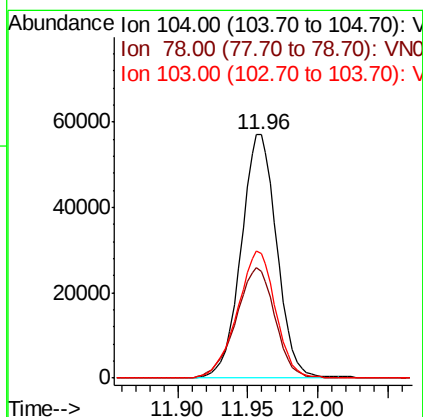
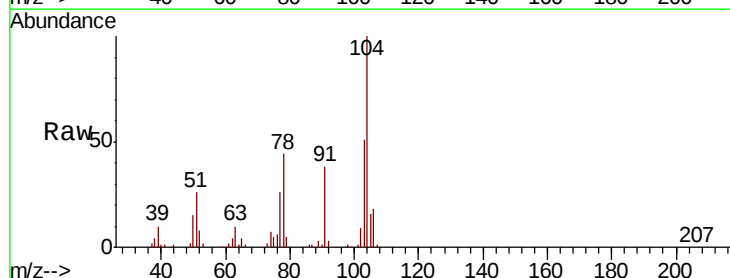
Instrument :
MSVOA_N
ClientSampled :

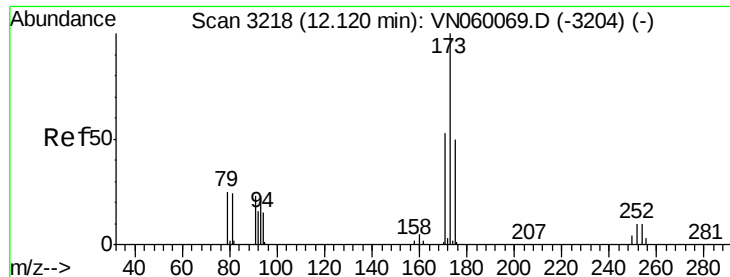
Tot Ion:106 Resp: 65491
Ion Ratio Lower Upper
106 100
91 210.9 107.2 321.6



#70
Styrene
Concen: 17.817 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

Tgt Ion:104 Resp: 100882
Ion Ratio Lower Upper
104 100
78 49.7 40.2 60.2
103 55.9 44.3 66.5

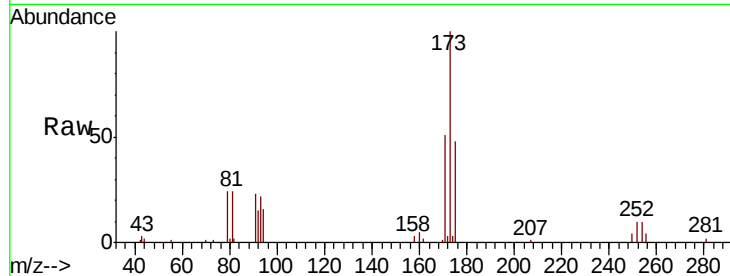




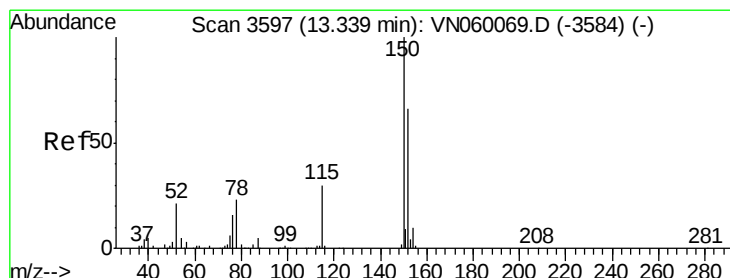
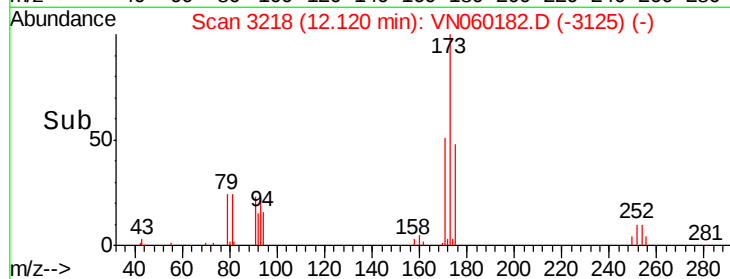
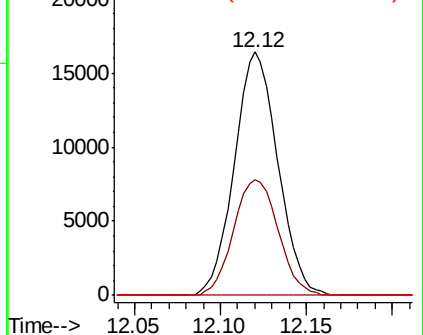
#71
Bromoform
Concen: 17.596 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. -0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 28844
Ion Ratio Lower Upper
173 100
175 48.8 24.9 74.6
254 0.0 0.0 0.0

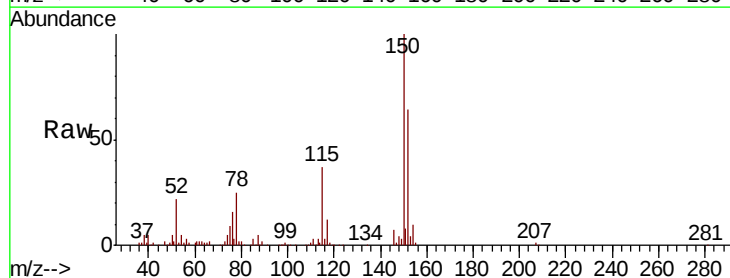


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

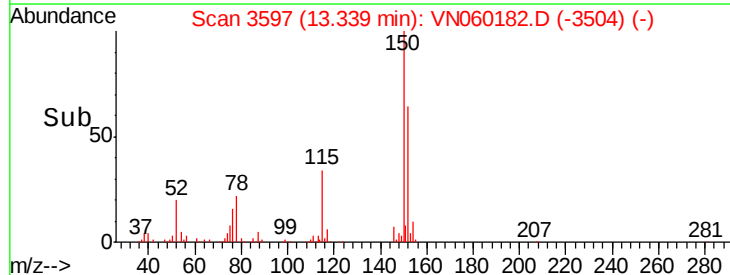
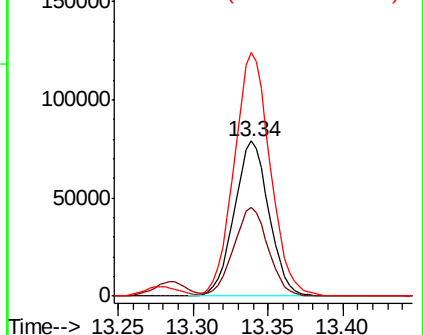


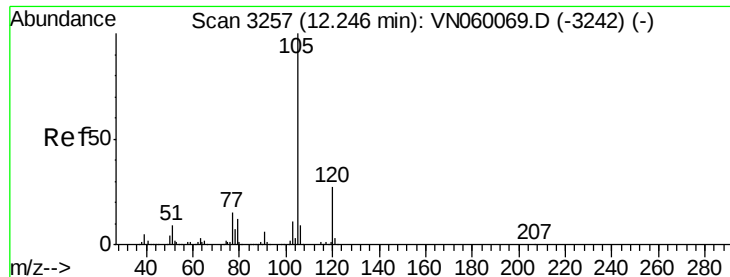
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

Tgt Ion:152 Resp: 127672
Ion Ratio Lower Upper
152 100
115 57.0 28.9 86.8
150 163.0 0.0 342.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.432 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060182.D

Acq: 21 Feb 2020 11:57

Instrument :

MSVOA_N

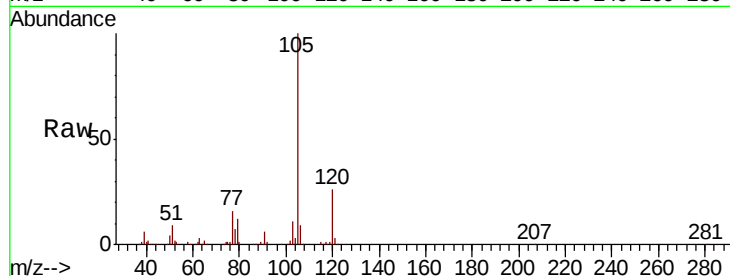
ClientSampleId :

Tot Ion:105 Resp: 175733

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.24

100000

80000

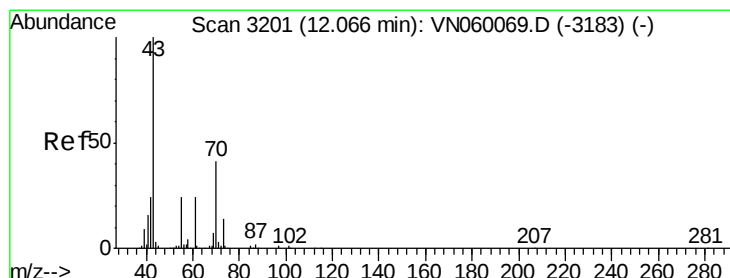
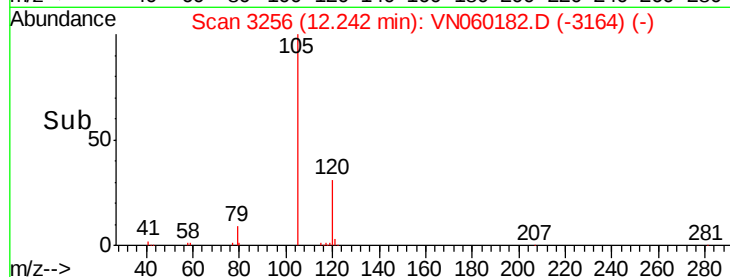
60000

40000

20000

0

Time-->



#74

N-ethyl acetate

Concen: 17.608 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060182.D

Acq: 21 Feb 2020 11:57

Tgt Ion: 43 Resp: 60535

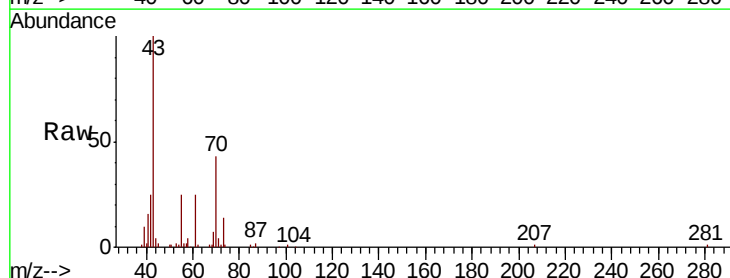
Ion Ratio Lower Upper

43 100

70 42.7 33.4 50.0

55 24.6 18.8 28.2

61 24.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.06

40000

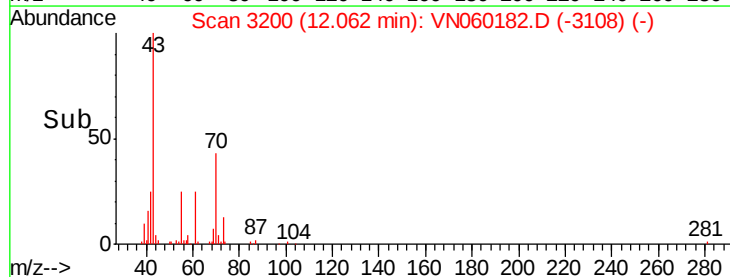
30000

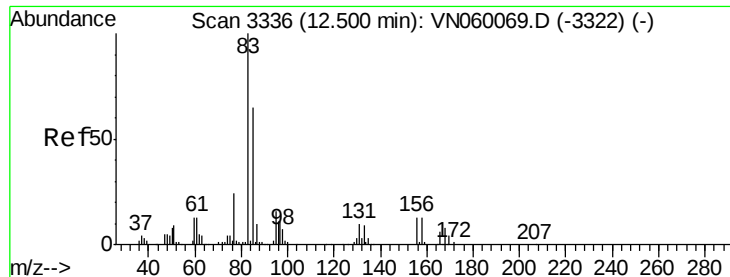
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.525 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. -0.00 min

Lab File: VN060182.D

Acq: 21 Feb 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

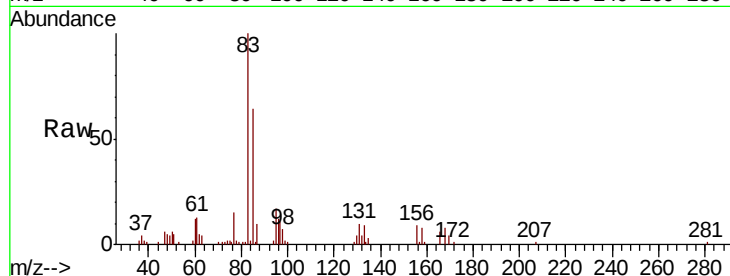
Tot Ion: 83 Resp: 50836

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

85 64.0 32.3 96.9



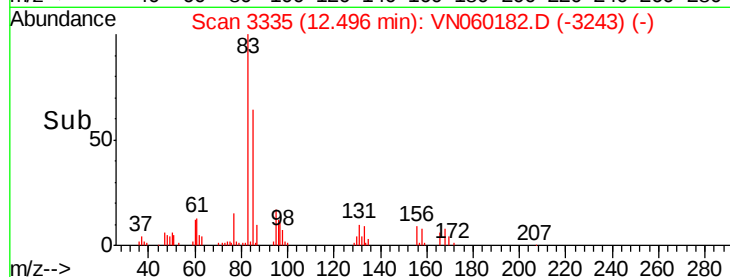
Abundance Ion 82.90 (82.60 to 83.60): VN060069.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN060069.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN060069.D (-3322) (-)

12.50

Time-->



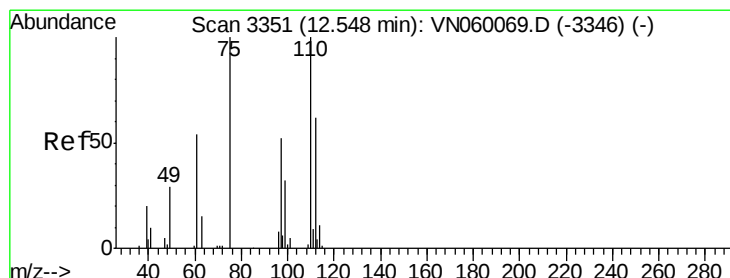
Abundance Ion 82.90 (82.60 to 83.60): VN060182.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060182.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060182.D (-3243) (-)

12.50

Time-->



#76

1,2,3-Trichloropropane

Concen: 27.601 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060182.D

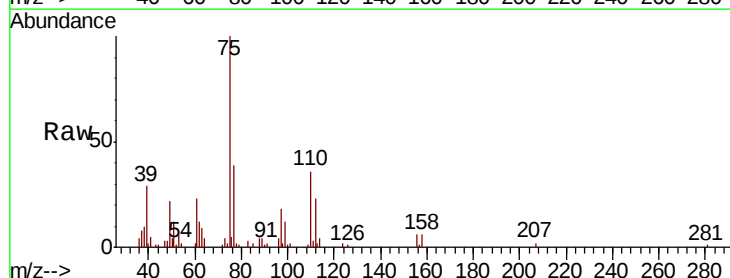
Acq: 21 Feb 2020 11:57

Tgt Ion: 75 Resp: 67420

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

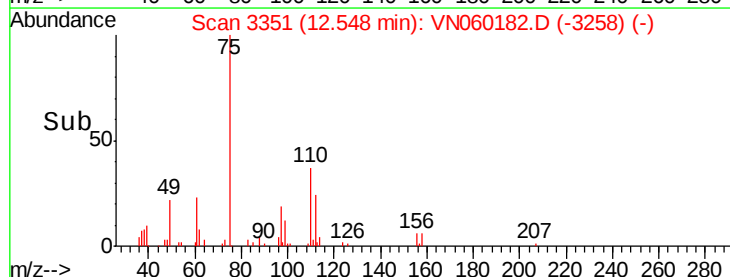


Abundance Ion 74.90 (74.60 to 75.60): VN060069.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN060069.D (-3346) (-)

12.55

Time-->

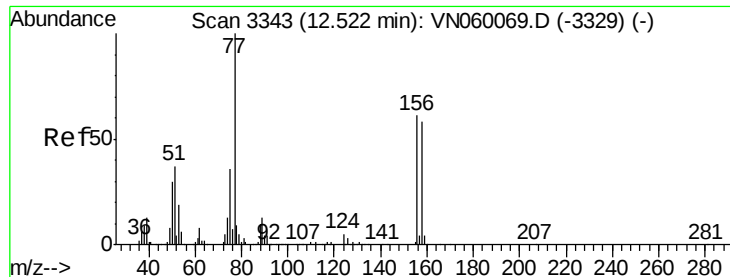


Abundance Ion 74.90 (74.60 to 75.60): VN060182.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060182.D (-3258) (-)

12.55

Time-->



#77

Bromobenzene

Concen: 18.678 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060182.D

Acq: 21 Feb 2020 11:57

Instrument :

MSVOA_N

ClientSampleId :

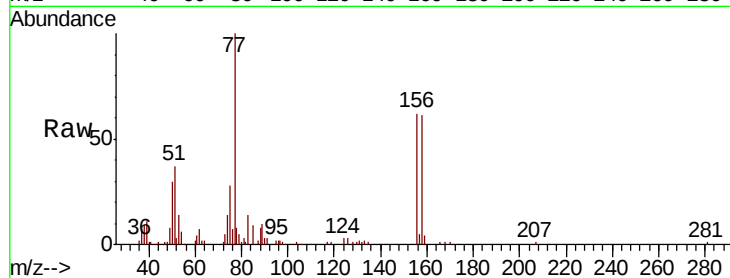
Tot Ion:156 Resp: 44193

Ion Ratio Lower Upper

156 100

77 193.6 98.7 296.1

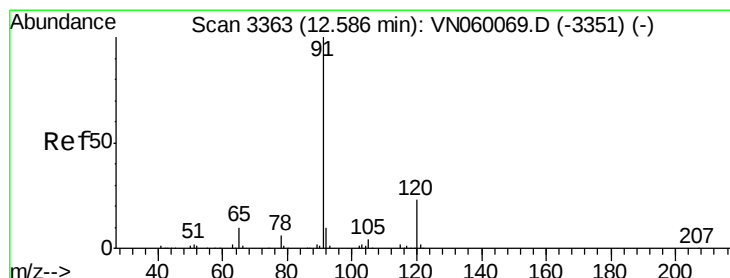
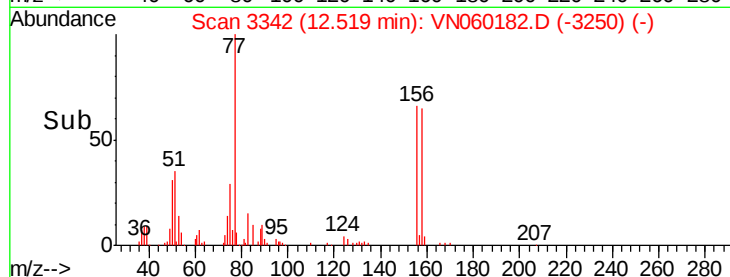
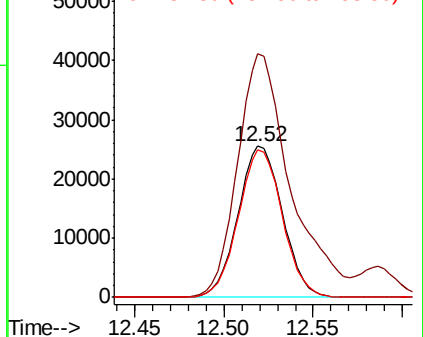
158 96.7 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.235 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060182.D

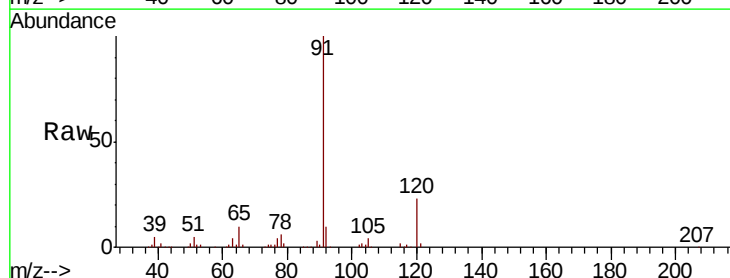
Acq: 21 Feb 2020 11:57

Tgt Ion: 91 Resp: 198069

Ion Ratio Lower Upper

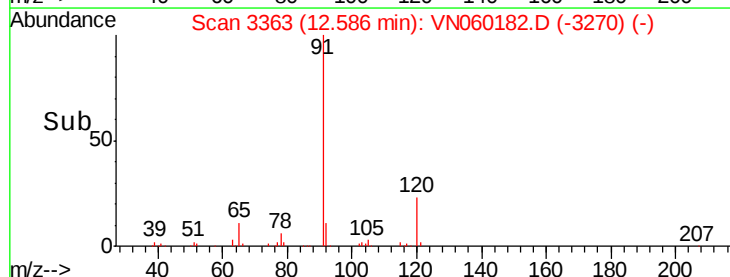
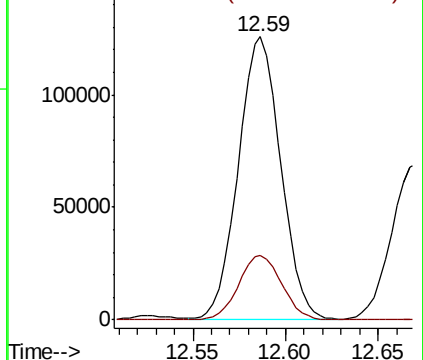
91 100

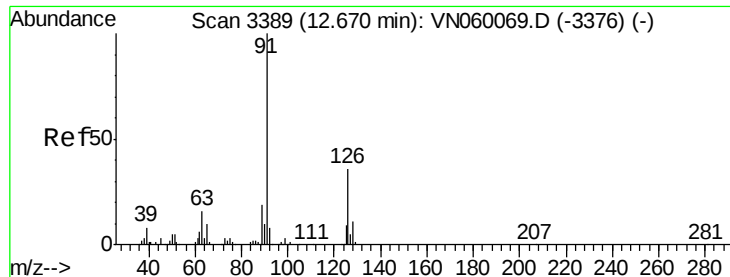
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

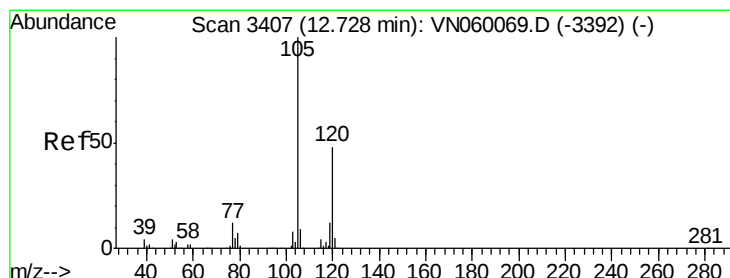
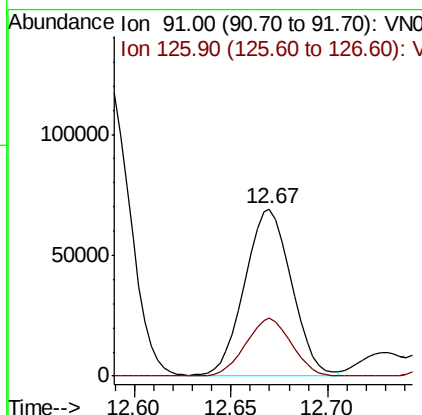
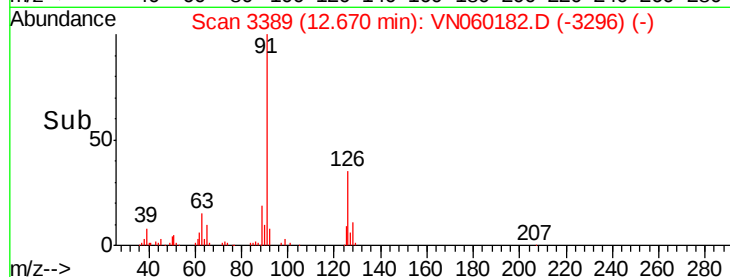
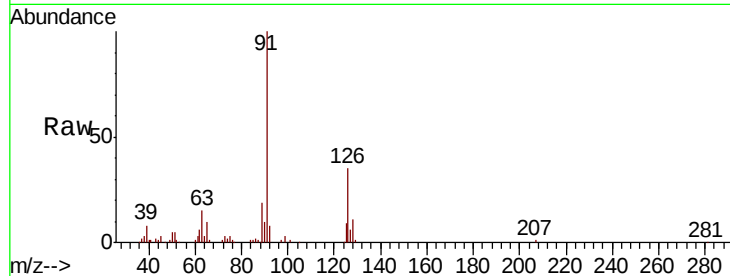




#79
 2-Chlorotoluene
 Concen: 18.126 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. -0.00 min
 Lab File: VN060182.D
 Acq: 21 Feb 2020 11:57

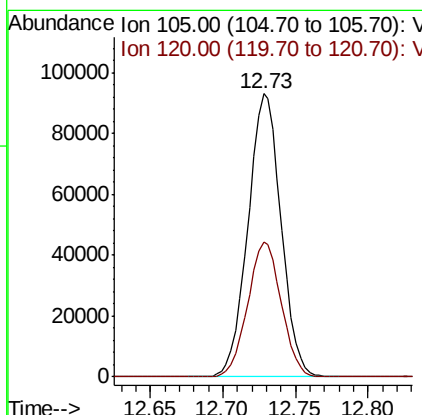
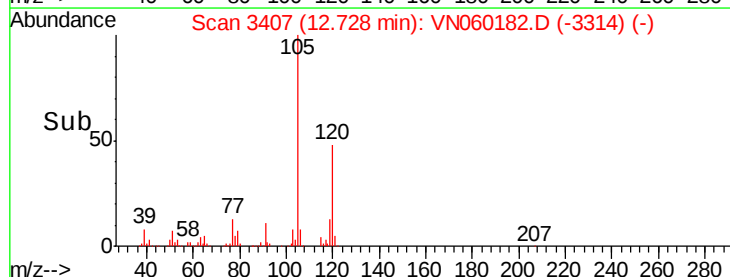
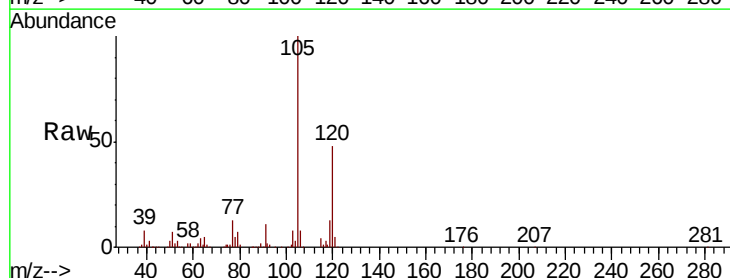
Instrument :
 MSVOA_N
 ClientSampleId :

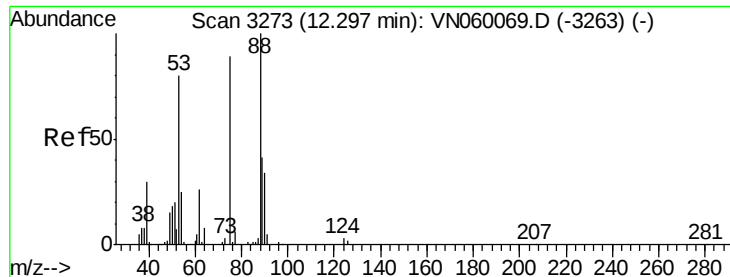
Tot Ion: 91 Resp: 115726
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.4 52.2



#80
 1,3,5-Trimethylbenzene
 Concen: 18.658 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: VN060182.D
 Acq: 21 Feb 2020 11:57

Tgt Ion: 105 Resp: 147902
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.3 72.9

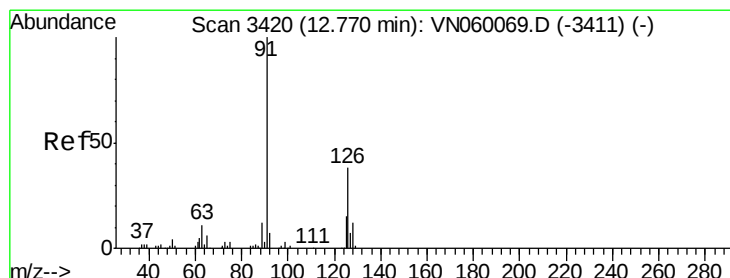
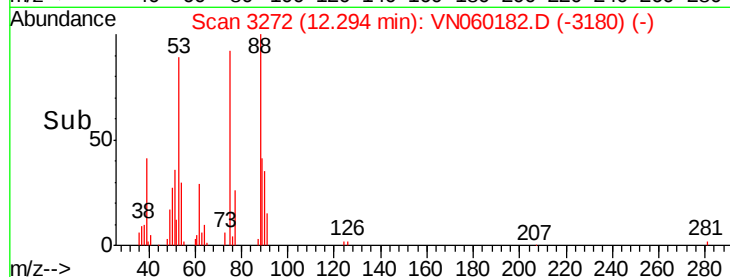
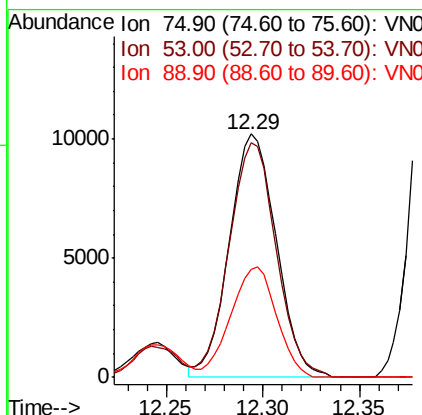
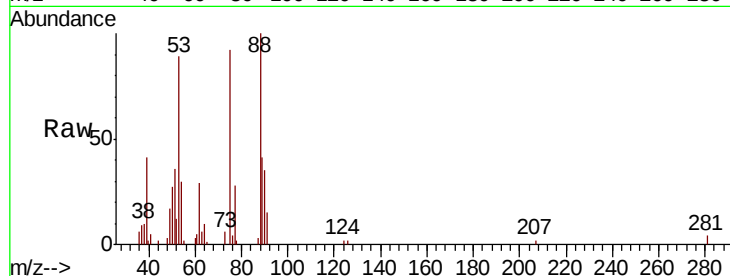




#81
trans-1,4-Dichloro-2-butene
Concen: 17.293 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. -0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

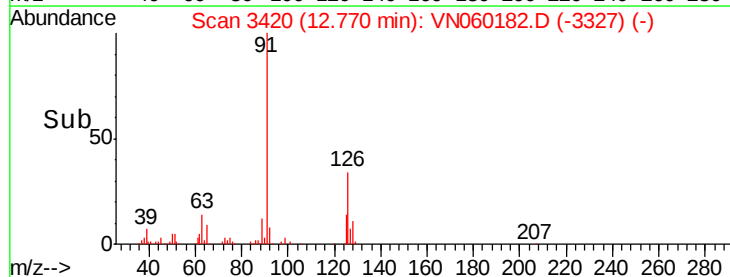
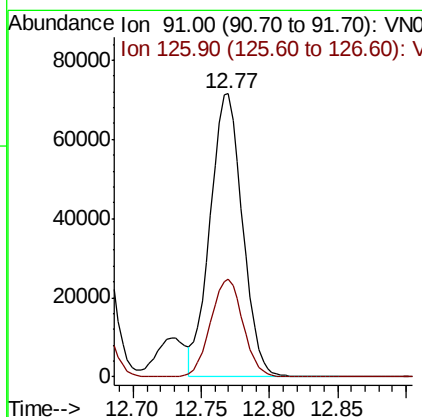
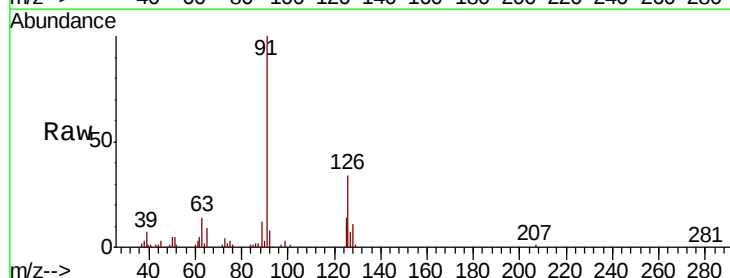
Instrument :
MSVOA_N
ClientSampleId :

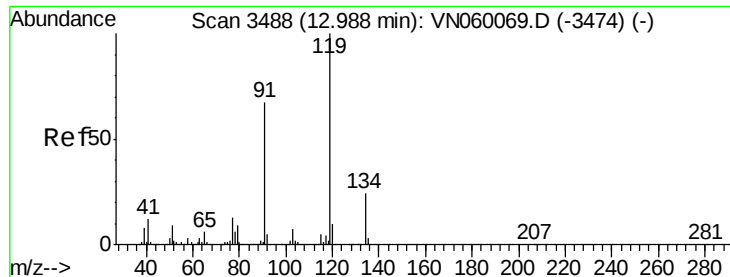
Tot Ion: 75 Resp: 17252
Ion Ratio Lower Upper
75 100
53 96.5 73.9 110.9
89 44.0 37.0 55.4



#82
4-Chlorotoluene
Concen: 18.059 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. -0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

Tgt Ion: 91 Resp: 118293
Ion Ratio Lower Upper
91 100
126 34.3 17.1 51.3

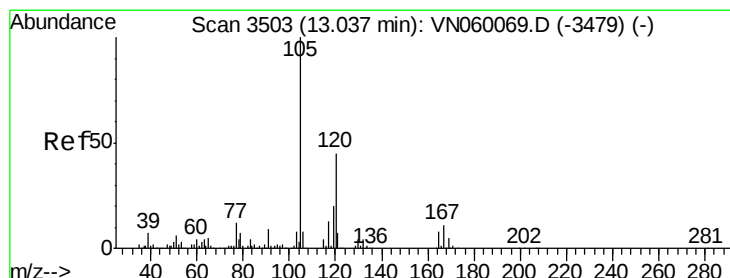
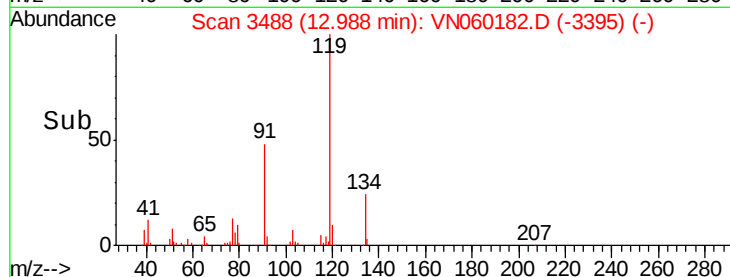
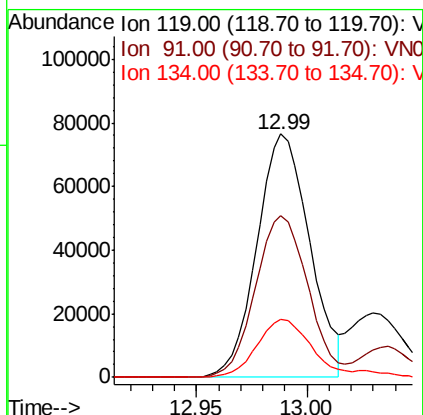
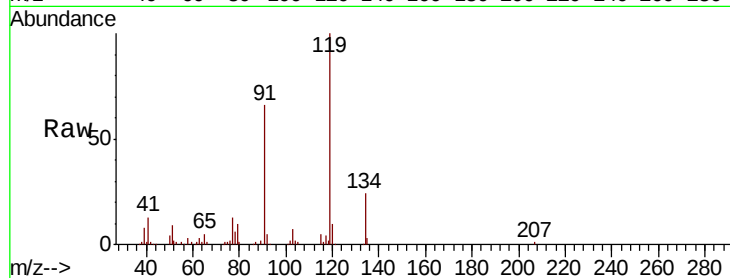




#83
tert-Butylbenzene
Concen: 18.144 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. -0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

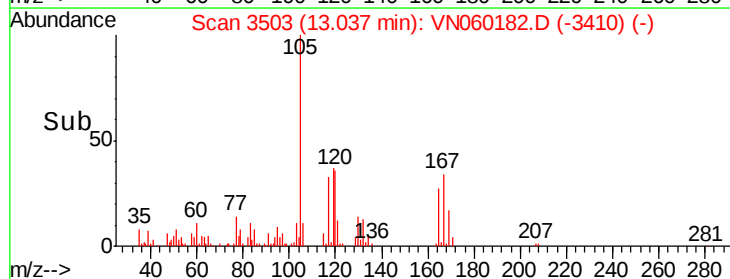
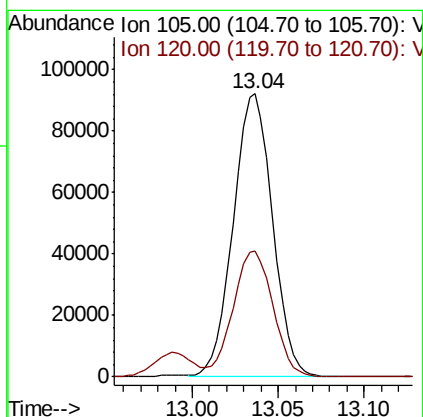
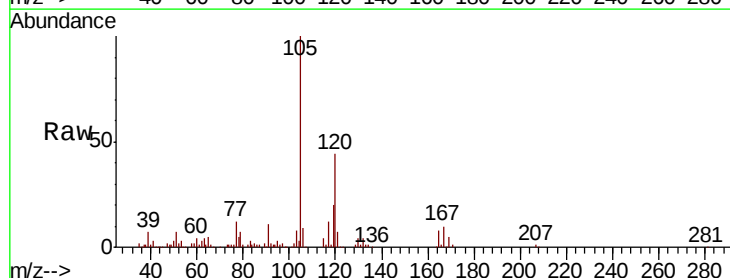
Instrument :
MSVOA_N
ClientSampled :

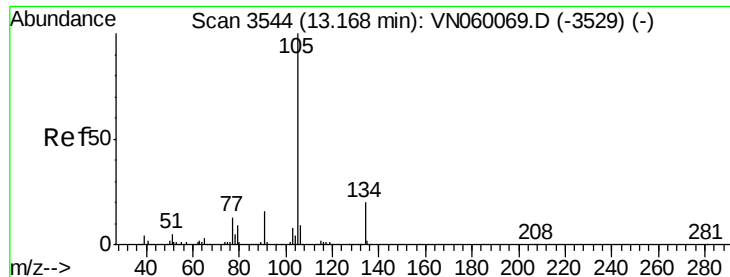
Tot Ion:119 Resp: 127233
Ion Ratio Lower Upper
119 100
91 66.1 32.7 98.1
134 24.3 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 18.583 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

Tgt Ion:105 Resp: 145408
Ion Ratio Lower Upper
105 100
120 45.2 22.4 67.3





#85

sec-Butylbenzene

Concen: 18.250 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060182.D

Acq: 21 Feb 2020 11:57

Instrument :

MSVOA_N

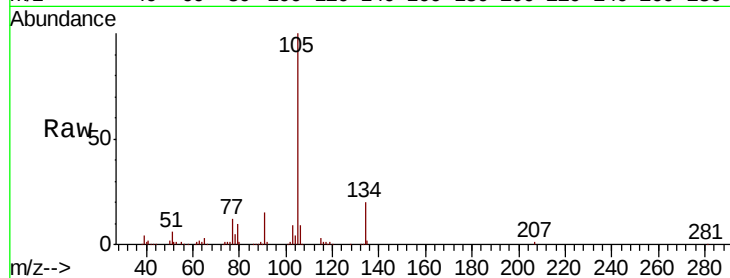
ClientSampled :

Tot Ion:105 Resp: 169483

Ion Ratio Lower Upper

105 100

134 20.0 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

120000

100000

80000

60000

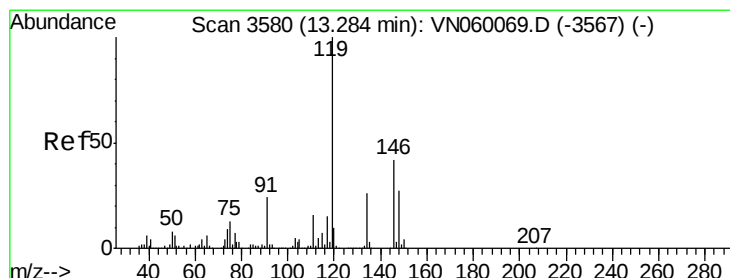
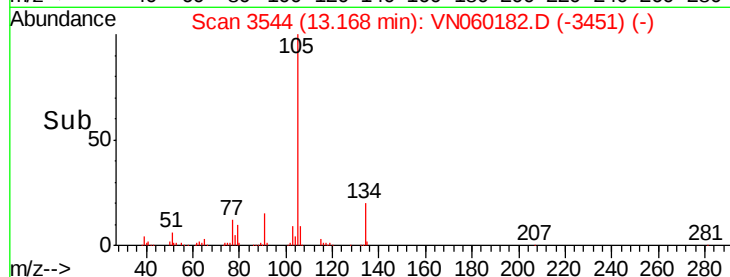
40000

20000

0

13.10 13.15 13.20 13.25

Time-->



#86

p-Isopropyltoluene

Concen: 18.258 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060182.D

Acq: 21 Feb 2020 11:57

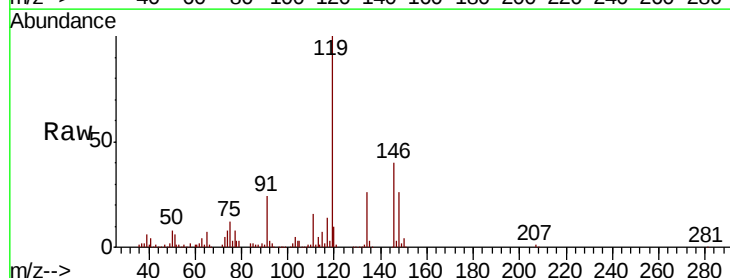
Tgt Ion:119 Resp: 153629

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 23.9 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

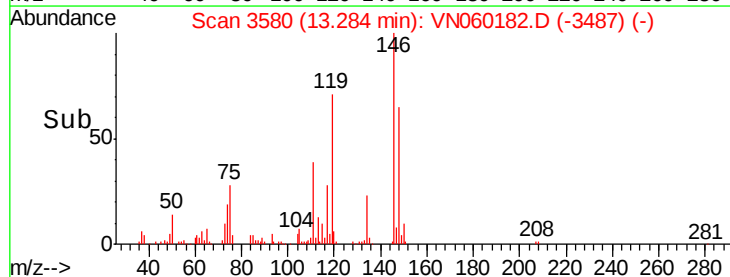
100000

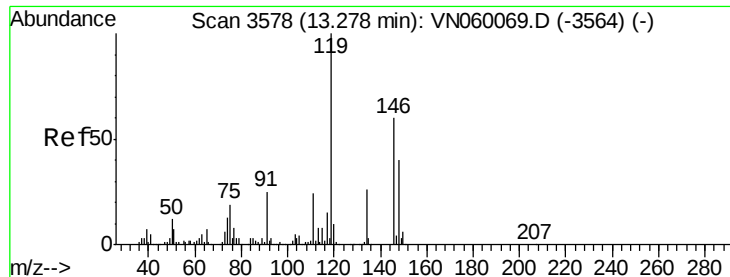
50000

0

13.20 13.30 13.40

Time-->





#87

1,3-Dichlorobenzene

Concen: 18.126 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. -0.00 min

Lab File: VN060182.D

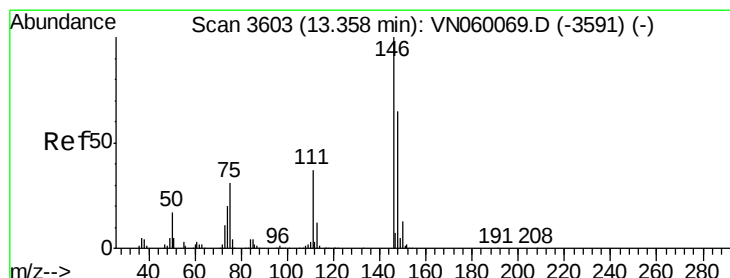
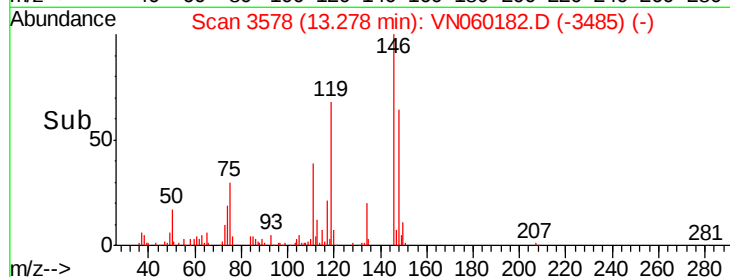
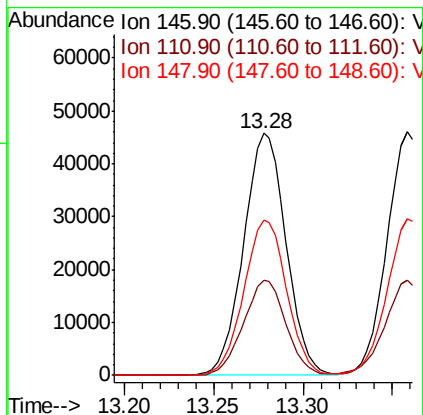
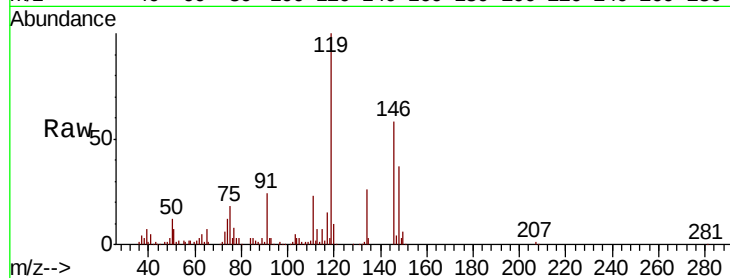
Acq: 21 Feb 2020 11:57

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:	146	Resp:	75915
Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.8	59.3
148	64.7	32.0	96.2



#88

1,4-Dichlorobenzene

Concen: 18.137 ug/l

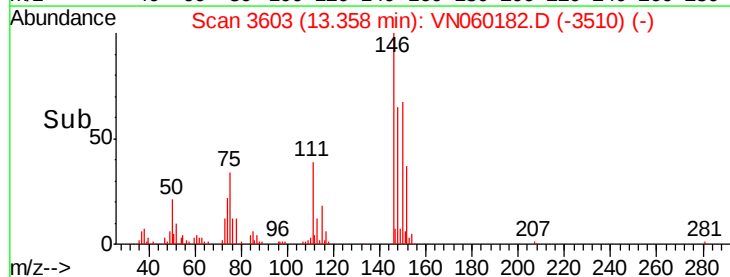
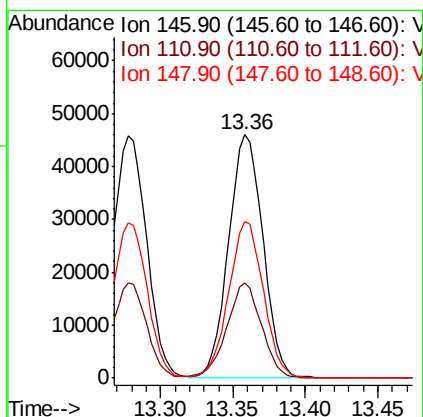
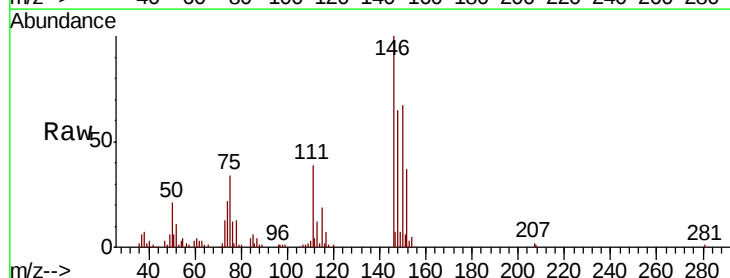
RT: 13.36 min Scan# 3603

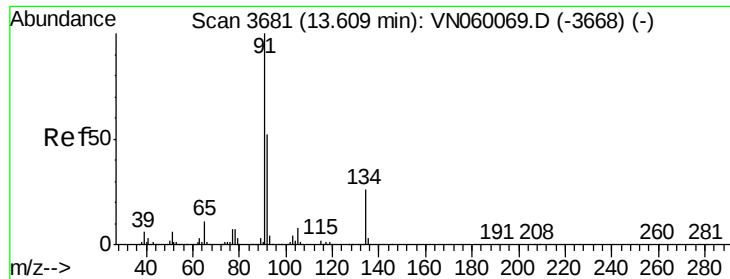
Delta R.T. -0.00 min

Lab File: VN060182.D

Acq: 21 Feb 2020 11:57

Tgt Ion:	146	Resp:	75943
Ion	Ratio	Lower	Upper
146	100		
111	39.6	18.9	56.5
148	64.8	32.0	96.0

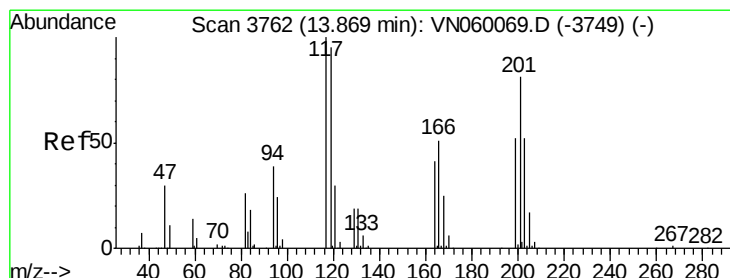
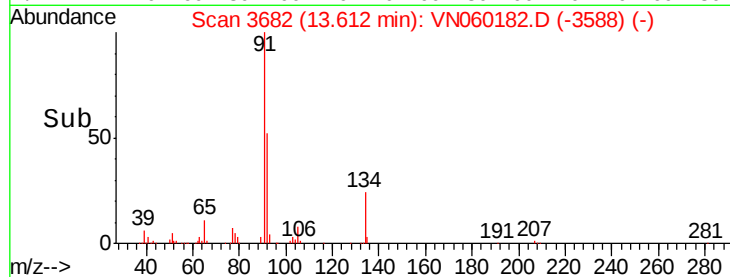
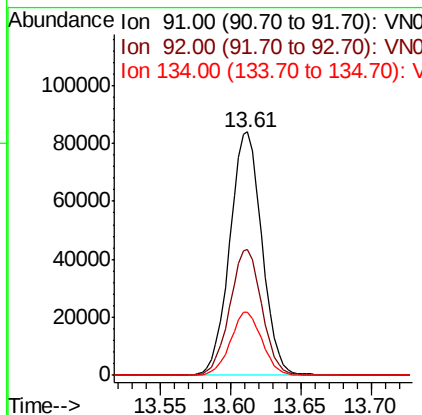
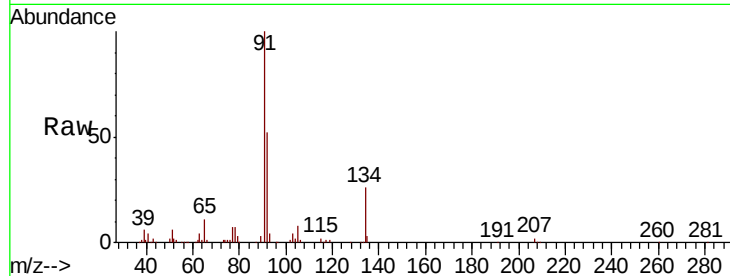




#89
n-Butylbenzene
Concen: 18.094 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

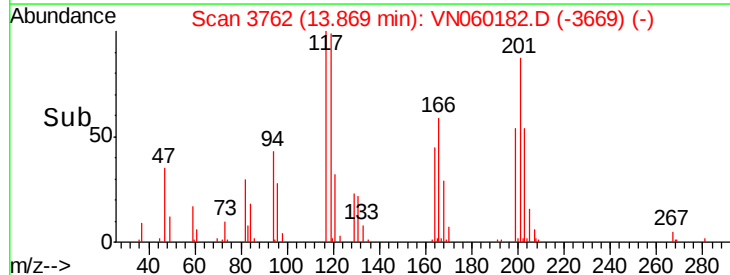
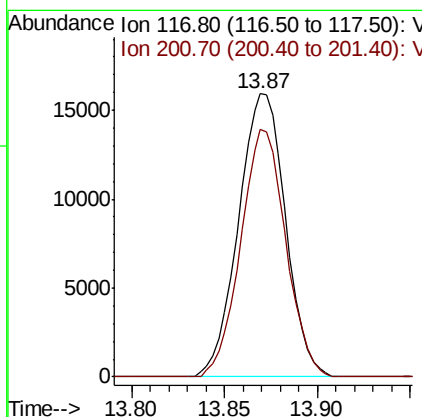
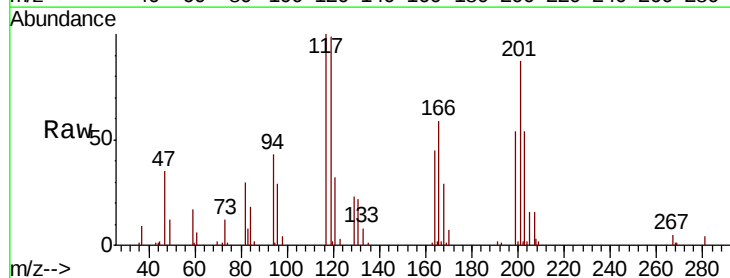
Instrument :
MSVOA_N
ClientSampled :

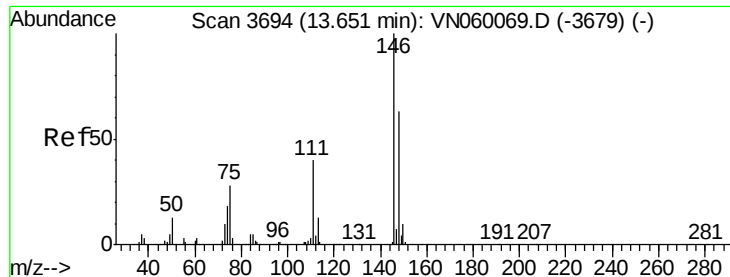
Tot Ion: 91 Resp: 133913
Ion Ratio Lower Upper
91 100
92 51.7 26.1 78.2
134 25.5 13.1 39.3



#90
Hexachloroethane
Concen: 17.901 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

Tgt Ion: 117 Resp: 28139
Ion Ratio Lower Upper
117 100
201 83.6 41.7 125.1

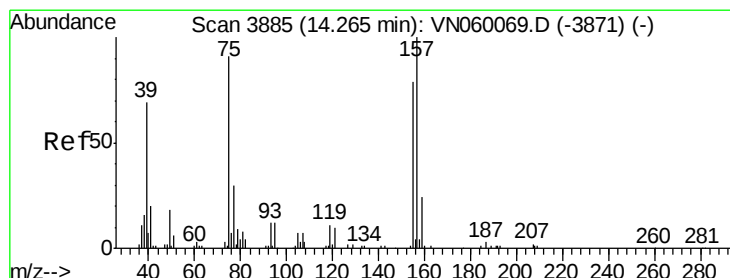
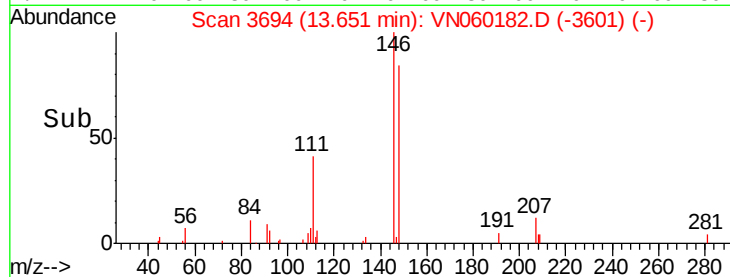
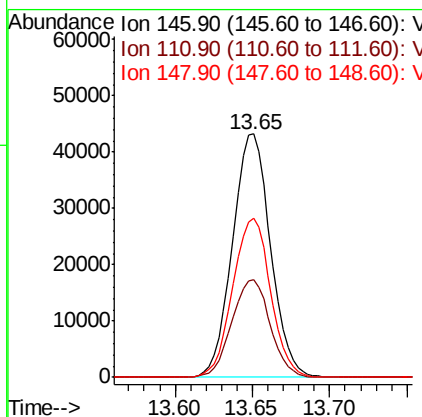
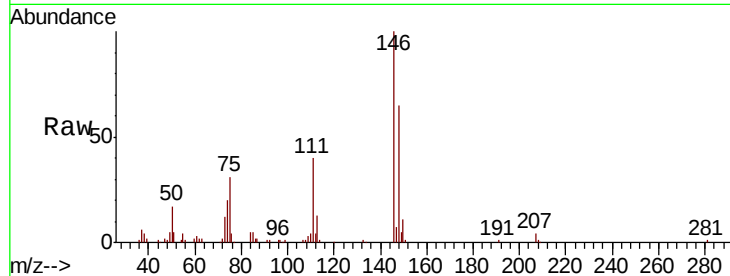




#91
 1,2-Dichlorobenzene
 Concen: 17.981 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN060182.D
 Acq: 21 Feb 2020 11:57

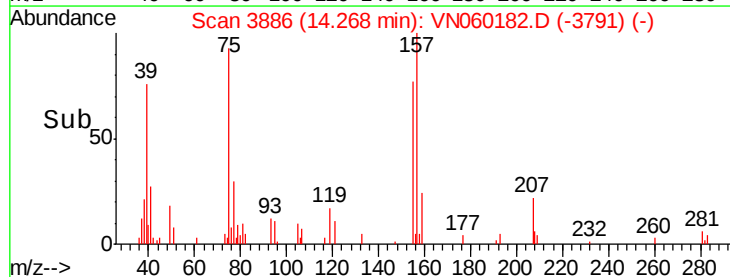
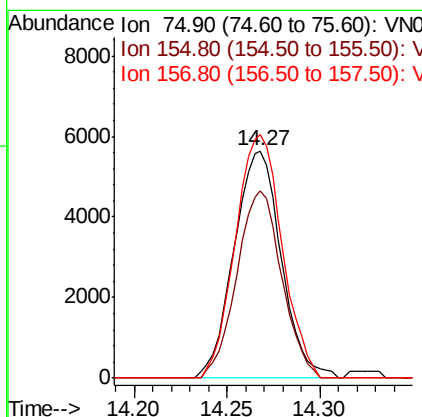
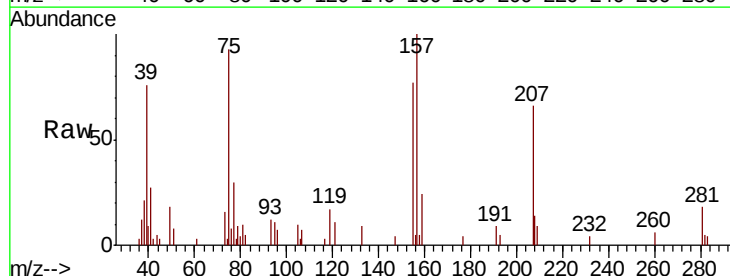
Instrument :
 MSVOA_N
 ClientSampleId :

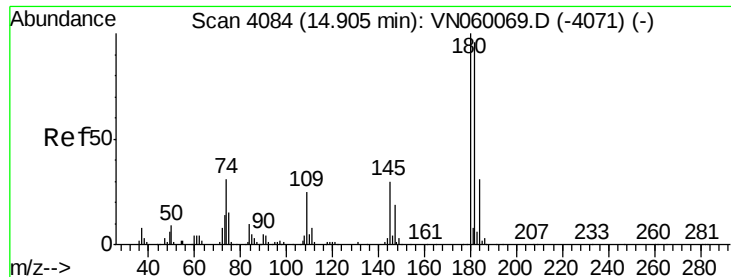
Tot Ion:146	Resp:	73699
Ion	Ratio	Lower Upper
146	100	
111	40.4	20.1 60.2
148	65.2	31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.564 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN060182.D
 Acq: 21 Feb 2020 11:57

Tgt Ion: 75	Resp:	9966
Ion	Ratio	Lower Upper
75	100	
155	78.4	43.0 129.0
157	106.5	54.9 164.5

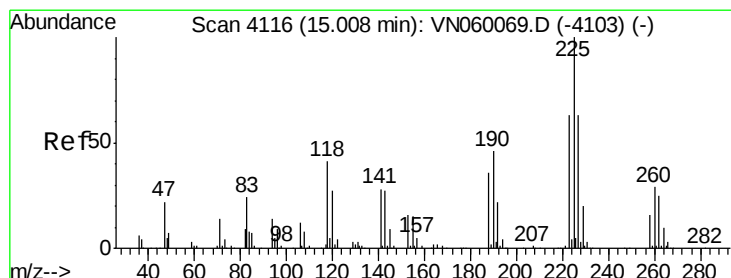
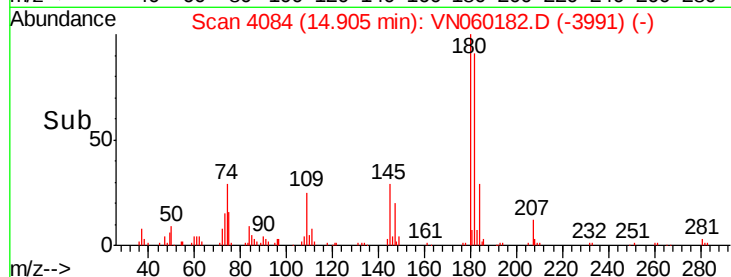
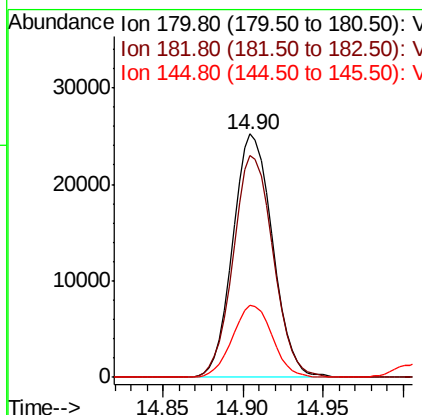
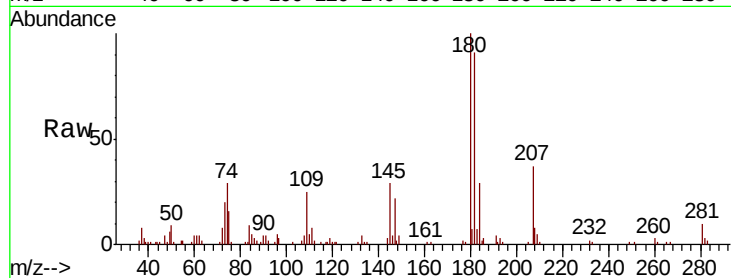




#93
 1,2,4-Trichlorobenzene
 Concen: 17.721 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060182.D
 Acq: 21 Feb 2020 11:57

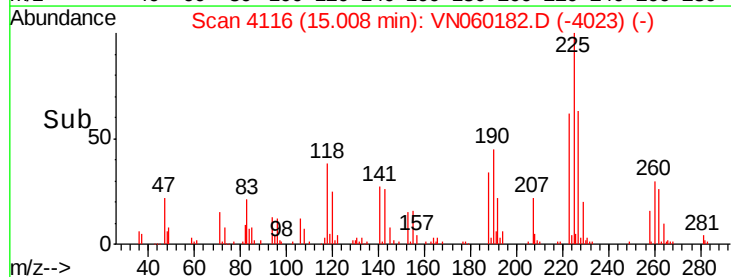
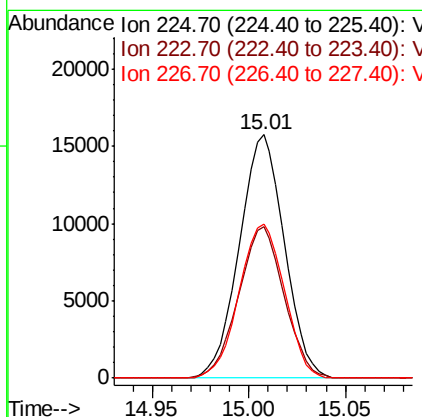
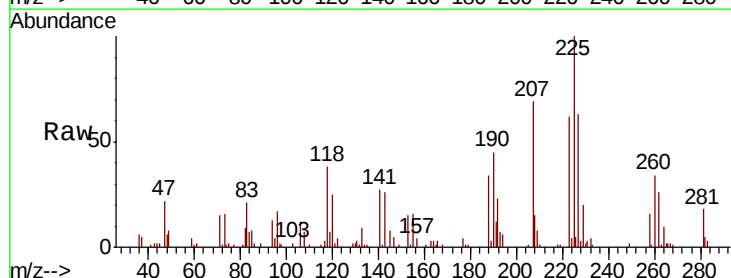
Instrument :
 MSVOA_N
 ClientSampleId :

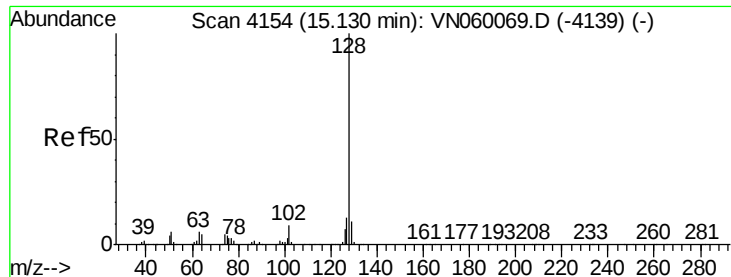
Tot Ion:180 Resp: 42677
 Ion Ratio Lower Upper
 180 100
 182 91.7 47.9 143.8
 145 29.7 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 18.132 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060182.D
 Acq: 21 Feb 2020 11:57

Tgt Ion:225 Resp: 25563
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.5 94.5
 227 63.5 31.8 95.4

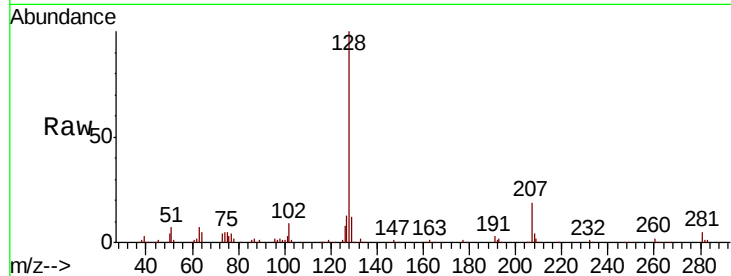




#95
Naphthalene
Concen: 16.153 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	11.2	8.6	13.0

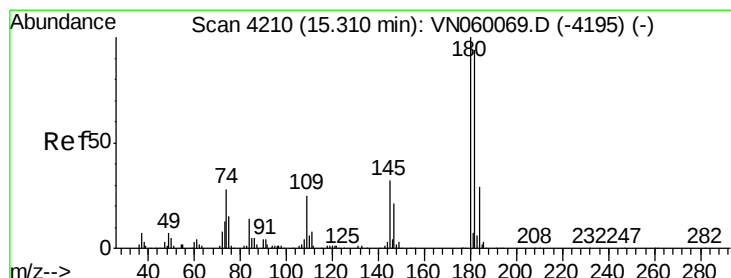
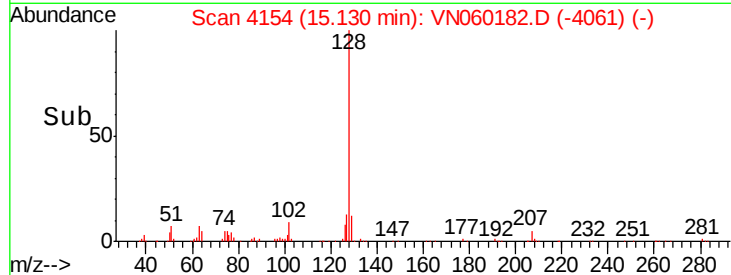
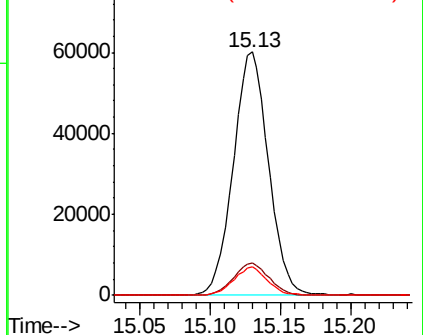


Abundance

Ion 128.00 (127.70 to 128.70): V

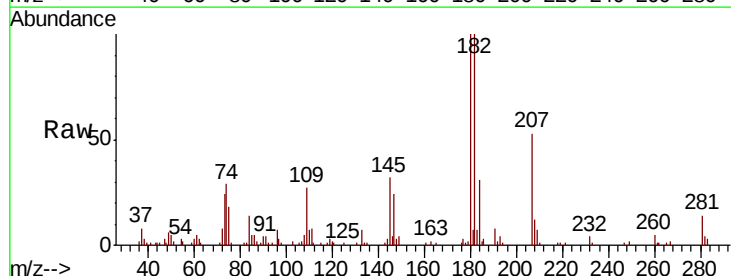
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 17.054 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060182.D
Acq: 21 Feb 2020 11:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	47.5	142.5
145	33.0	16.1	48.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

